

 **BIO-DATA**

1. Name in Full (in Capital Letters) : **Prof.Dr. VIJAYAN GURUMURTHY IYER**

2. Father’s Name : Late S. Gurumurthy Iyer

3. Date of Birth : 10.06.1964

4. Age : 53 years

5. Address for Communication (I) : A-2/31, III Floor, Kendriya Vihar-II,

 Poonamalle-Avadi Main Road,

 Paruthipattu , Avadi, Chennai-600 071, Tamil Nadu.

 Phone Number : 044-29851706

 Mobile : +919444812401, +919445810045

 Emails: vijayaniyergurumurthy@rediffmail.com

 vijayangurumurthy@rediffmail.com

 Skype ID: Vijayan Gurumurthyiyer

 URL : https://jntuka.academia.edu/VijayanGurumurthy

 http://www.debm.ediindia.ac.in/counselor code:80410

6. Nationality and Home Town : Indian; Mayavaram, Tamil Nadu .

7. Sex ; Marital Status : Male ; Married ; One Son

8. Community / Religion : Forward / Hindu

9. Aadhaar Number : 6871 8531 4697

10.Details of Educational Qualifications in Chronological Order:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CoursePassed | Institution / University | Award/Marks/Percentage | Year of Passing | Field of Specialization |
| Honorary Doctorates;D.Sc.(Engg.).Hon.LL.D.. Hon.DL.Hon.M.A..Master Diploma with Honors.FIMA.Elaborated Post-Doctoral Research.Post-Doctoral Fellow(PDF).Ph.D., Doctor of Philosophy  M.Tech.   P.D.A.E.  A.M.I.E.(I)    D.P.M.   D.M.E.   S.S.L.C. |  The Yorker International University (YIU).  YIU.  YIU. International Biographical Centre, Cambridge. World Academy ofLetters, American Biographical Institute.All India Mgt.Assn.,FellowWorld Scientific and Engineering Academy and Society, (WSEAS). WSEAS, GREECE. Indian Inst. of Tech., IIT  (ISM), Dhanbad. Indian Inst. of Tech., IIT (ISM), Dhanbad.  Maharashtra State Board, VJTI, Bombay. Associate Membership Examinations of Institution of Engineers(India)Kolkata Annamalai University, Chidambaram Ramkrishna Mission Tech.Inst., Chennai.National HSS,Mayuram.  |   29.11.2010  03.05.2011  03.02.2017 05.10.2012  05.08.2007 30.06.201017.07.2006 26.03.2003 67.8%, OGPA  of 3.39/ 5.00  First; 64.2%, 947/1475Section‘A’ Section‘B’  II; 54.5%, 226/400 First; 75%  77% | 20102011 2017   201220072010200620031998199219861990198819821979 | Honorary Doctorate of Science and Engg.Laws Hon.Doctorate of LettersMaster of Arts in Modern Arts. The Letter of the Law ‘Literature’ Sustainable Science, Engg &ManagementPost Doctoral Research in WSEAS.  Envtl.Science, SustainableDev.Ecosystems and Energy. Environmental Science and Engineering.Environmental Science and Engineering.Automobile Engineering   Mechanical Engineering Production Management   Mechanical Engineering |

11. Details of Past Service Experience and Present Employment in Chronological Order:-

|  |  |  |
| --- | --- | --- |
| Name of the Institution Served and Address |  Designation | Service Period : From -To  |
|  Narasaraopeta Engg. College(Autonomous),Guntur Dist., affiliated to Jawaharlal Nehru Technological University, (Affiliation Code number 47), Kakinada, Andhra Pradesh.Haramaya University, (Institute of Technology) Dept. of Water Resources and Envtl.Engg. (WREE), Alemaya, Ethiopia (Federal Democratic Republic of Ethiopia), Africa.Anna University Affiliated Colleges ;-Chennai.6.RVS Padhmavathy College of Engg & Tech. (1118/139) A.U. Faculty ID : 19855 5.Prince Dr.K.V. College of Engineering & Technology, Chennai. TNEA code;1442 Expert Visiting Committee(EVC) Member, All India Council for Tech. Education(AICTE). Post-Doctoral Fellow (PDF) atWorld Scientific and Engineering Academyand Society ( WSEAS) , Athens, Greece.Research Elaboration in WSEAS.Entrepreneurship Dev. Inst. ofIndia, (The EDI of India),Ahmedabad “Diploma in Entrepreneurship and Business Management (DEBM) ” Course,Recognized by DEB of UGC.4. Dr.M.G.R. Educational & Research Institute,(Dr.M.G.R. University) and Entrepreneurship Development Cell (EDC),( AICTE) , Chennai.3. MNM Jain Engineering College, Chennai. Indian Society for Technical Education(ISTE). 2.Rajalakshmi Engineering College, Chennai,  (Affiliated to Anna University, Chennai).1.Hindustan College of Engineering, Chennai. (Hindustan University, Chennai) .  Indian Council of Agricultural Research (ICAR)/ Government of India, New Delhi.(ii) Central Institute for Research on Cotton  Technology (ICAR), Matunga, Mumbai.(i) Central Inst. of Agricultural Engineering (ICAR), Nabibagh, Bhopal, MadhyaPradesh II.M/S ACE Machines and Tools  Pvt. Ltd., Coimbatore.I.Panosonic Carbon Company India Ltd.PCCL.  (Indo Matsushita Carbon Co. Ltd., Tada,AP). |  Professor (Environmental Sc. & Engg.)& Dean (R &D).Professor (Environmental Sc. & Engg.)and Main Researcher.  Principal/ CS  (Chief Superintendent)  Principal/CS. AICTE-EVC Member,  Emeritus Fellow.Research Scholar, Main Researcher,Research Elaborator. DEBM Co-ordinatorand Counsellor(Independent) Professor (Environmental Engg.) and Chief Project Co-ordinator. Professor in Mechanical Engg.. Visiting Professor (Envl. Sc. & Engg.). Professor in Mechanical Engg.Professor in Mechanical Engg. andVice Principal,Acad Technical Officer,(Cotton Ginning Technology) (Gr.T-5). Relieved from ICAR service on 10.02.1998(AN) Supervisor. Supervisor. |  21.09.2015 –Continuing Scale of Pay: PB-4 Rs. 37400-67000/- + GP Rs 10000/- Pre-Revised Total salary Rs.1,20,000/- 17.01.2014- 10.02.2015  1 year and 20 days   12 years, 9 months. 17.09.2013 – 11.01.2014  12.11.2010 –16.04.2013  07.07.2013 – Continuing 01.11.2005-30.05.2006 01.09.2009-30.06.2010  01.01.2009– Continuing (Out of 53 **DEBM learners**  15 were awarded).  31.05.2006-19.08.2010   20.06.2005 – 30.05.2006Acad. Sessions 2004-2005   21.4.2003 – 28.02.2004   09.04. 2001 – 11.09.2002   22.05.1985–10.02.1998.ICAR/Govt. of India 12 years, 08 Months. 31.12.1989-10.02.1998. 22.05.1985-30.12.1989  17.08.1984 – 18.05.1985   02.08.1982 – 31.01.1984 |

12. Organizational Fellowships including National Fellowships = 8

1. Fellow of Institution of Engineers (India), Grade- **FIE (I)**, Life member/ F: 110329-2(2005);

 Chartered Engineer (India) and Professional Engineer (India).

2. Professional Engineer of Engineering Council of India (ECI), P.Eng.(ECI),

 Registration PE/01406/16, Date of Conferement 29 th day of October 2016

 (Registration valid for 5 years) in Civil Engineering with specialization in Air & Water

 Environmental Engineering. Issuing authority: Engineering Council of India (ECI) jointly with

 Construction Industry Development Council (CIDC).

3. Fellow of Textile Association (India) , **FTA,** Life member, BOLM 3556 (2004).

4. Fellow of All India Management Association, **FIMA**, F-200620434 and Fellow of Madras

 Management Association, **FMMA**, (2007).

5. Fellow of International Society for Research and Development, **FISRD**, ID: F3140900135

6. Fellow of Mining Engineers’ Association of India, **FMEAI**, F-062, LM-2520 (2008).

7. Fellow of Institution of Valuers (India), **FIV (I)**, Life member, F 9446(28.6.2000), (2006).

8. AICTE Emeritus Fellowship (EF) F.No. : 1-51/FD/EF/Policy/(41)/05-06,dated 28.10.2005 with

 effect from 01.11.2005 to 30.05.2006, F.No. 1-51/FD/EF (41)/2005-2006 , dated 02.12.2005.

13. Memberships in National and International Professional Societies (N=11, I=9) = 19

1. International Society of Development and Sustainability, **MISDS**, Membership ID: M 141460,(I)

2. Member of American Chemical Society, **MACS**, Membership No. 30137476 (PIN 20327).(I)

 MACS/FACS , FN 1204777178319 Candidate Promotion Code : 0513CAC4144

3. Member of American Society of Mechanical Engineers, **MASME**, ID # 9255217 (2007).(I)

 4. Life member of Indian Society of Agricultural Engineers, **MISAE**, LM-10411,(2007) .

5. Member of Indian Society for Training and Development, **MISTD**, No.I-73/2006/ Mar 2007 om.

 6 . Member (LM) of Institution of Engineers, Bangladesh, **MIE (B),** M-18828 (2004).(I)

 7. Life Member (LM) Indian Society for Technical Education, **MISTE**, LM-35358 (2003).

 8. Member (LM) of Aeronautical Society of India, **MAeSI**, M-15503 (2002).

 9. Member (LM) of Bioinformatics Institute of India, **MBII**, L-1244/E.No.BJ24173 (2002).

 10. Member of Consultancy Development Centre, DSIR, **MCDC**, 31000/2002.

 11. Member, American Association for the Advancement of Science (Advancing Science

 Serving Society) **MAAAS**, Washington D.C., H1 FC QA / www.aaas.org

 12. Member of the International Biographical Centre, **MIBC**, Cambridge Ref. TOPEN/inv

 13. Member of the American Biographical Institute, **MABI**, Ref: IEY/Inv

 14. Government Registered Valuer (Plant and Machinery) issued by Chief Commissioner of

 Income Tax under Section 34 AB of the Wealth Tax Act, 1957 , Registration Number 753.

 15. Panelist State Bank of India Reference letter CONCELL/67, dt.31.01.2014 Approved Valuer

 16. Competent Person Certificate issued by the Director of Industrial Safety & Health, Government

 of Tamil Nadu, Royapettah, Chennai-14 under Section 2 (Ca) of the Factories Act 1948 and

 The Tamil Nadu Factories Rules, 1950.

 17. License Surveyor I Class No.225 , Works Department of Corporation of Chennai validity as per

 Town and Country Planning Act-1971.

 18. Member of American Association for Science, Communication & Information Technology,

 **MAASCIT**-1004094 , dated 12.06.2015, unananimously approval number 1004094.

 19. Member of Exclusive MBA (The Management Portal), [http://exclusivemba.com/page-id=3215](http://exclusivemba.com/page-id%3D3215)

14. Details of the M.Tech. and Ph.D. Thesis/Disertations Given as Under :-

 1. Iyer, Vijayan Gurumurthy. “*Environmental Effects of Chrome Rollers Used by Cotton Roller Ginning Industries and Design and Development of an Eco-Friendly Alternative”,* Ph.D. Dissertation. Singh, G.: Dhanbad Indian School of Mines (ISM). Centre of Mining Environment (Presently: Department of Environmental Science & Engineering), 2003.

 Date of Ph.D. registration is 23. 05. 1998 reference letter number Ph.D Registration Number

 633012/CME/Acad/99, dated 08.06. 1999 as a Research Scholar with effect from 23.05.1998. Date of Viva-voce Examination / Completion of Ph.D. on 12.03.2003.

2. Iyer, Vijayan Gurumurthy. et al. “*Studies on Environmental and Health Effects of Chrome*

 *Composite Leather-Clad Roller Commonly Used By Cotton Roller Ginning Factories and*

 *Development of Pollution-Free Rubberized Cotton Fabric Roller*”, M.Tech. Dissertation,

Singh, *G*.: Dhanbad Indian School of Mines University, Centre of Mining Environment, 1997

15. Abstract of Research Publications and Academic Contributions Given as Under:

 Total Number of High Impact SCI Publications (International and National = 210 (154 + 56)

 High Impact Factor Refereed SCI Journals (International and National) = 41 ( 21 + 20)

 Chapters Published in Books with ISSN/ISBN (International and National) = 90 (80 + 10)

 Text/Reference Books Published by International Publishers = 03 ( 0 + 03)

 Published Recognized Abstracts/Program Books, Proceedings(Int. & Nat.) = 71 (46 + 25)

 Published Videos in YouTube = 02 (02 + 01)

 Articles Published in National Daily-Newspaper / Technical Magazines(I/N)= 05 (01 + 04)

 Plenary Lectures in International Conference with ISSN/ISBN (I/N) = 05 (05 + 0)

Patents filed(I/N) = 02 (0 + 2)

 Citation Index Database(CID) in International and National Level > 448(406 + 42)

 (Includes Scopus, TIB, Google Scholar, Indian Citation Index,Cite SeerX)

National Science Abstracts = 8 ( 0 + 8)

Ratio of Citation Indexes to the Total number of Publications (448:210)= 2.13

Total number of citations in credit >2000

h.index; = 40

Number of Fellowships in National Societies = 06

Number of Memberships in Societies (National=10; International=5) = 15

Number of Awards/Recognitions / Distinctions = 32

Number of Guided Project Reports for Students = 30

 Ph.D. Thesis and other project dissertations = 05

 Detailed Project Reports (Bankable DPRs) of DEBM Extension Learners = 15

 Independent Supervision of Research Dissertations (UG, PG and DEBM) = 50

 Technical and Scientific Reports and Laboratory Manuals = 10

 Certificates of participations and Invitations = 52

 Research Projects and Consultancies Ongoing and Completed = 14

 (Industrial B & C, DEBM , EDC , EF -AICTE and UNESCO, WSEAS projects)

 Refresher Courses and Training Programmes Conducted = 32

 Total Academic Performance Indicator Score = 2671.5 points

Summary of Academic Performance Indicator (API) Scores:

|  |  |  |
| --- | --- | --- |
| Category Sl. No. |  Criteria  | Total API Score As On Date  |
| I IIIII  | Teaching, Learning and Evaluation Related activities Co-curricular, Extension, Professional DevelopmentTotal I + II Research, Publications and Academic Contribution Sum of I + II + III = Total API Score =  | 125 501752496.52671.5 points |

API Score Under Category -III

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Category  | A | B | C | D | E | Total |
| Maximum  | 240 | 200 | 160 | 80 |  120 | 800 |
| Minimum  | 120 | 100 | 80 | 40 |  60 | 400 |
| Score  | 342 | 649 | 195 | 45 | 1265.5 | 2496.5 |

Gist of Publications and Citations:

 Promoting Academic Education and Research through more than 210 Research Publications in

 Journals, e.Books and Conference Proceeding Books and Book of abstracts, listed over 450

 Citation database (JCI and CPCI) , 15 documents are available in SCOPUS Journal Citation

 Index(JCI) . Fourty documents are available in Google Scholar citation index database.

 Fifteen documents are available in Cite SeerX, Ten documents in TIB

 (Technische Informationsbibliothek) and ten documents in Indian Citation Index(ICI).

 There are more than 2000 citations in my credit.

 Ratio of Citation Indexes to Publications = 2.13 ; h.index= 40

34 years’ experience in Teaching, Research, Extension, Consultancies and Company Services.

16. Research Publications in High Impact SCI and SSCI journals with ISSN and ISBN:

#  Total Refereed Indexed Journals (International & National ) = 44 (24 +20)

1. Iyer Vijayan Gurumurthy (2017). *“Strategic Environmental Assessment (SEA) Process for Sustainable Mining and Mineral Management Development ”* , Open Access Library Journal (OALib Journal) Volume 4 : e3422 (ISSN Online : 2333-9721, ISSN Print : 2333-9705) Publication Notification (ID:1103422) , 17 th April, 2017, <http://www.oalib.com/>journal/2017/1 http://doi.org/10.4236/oalib.1103422.
2. Iyer Vijayan Gurumurthy , *“Strategic Environmental Assessment (SEA) Process towards Sustainable Construction Management Development for the Indian Construction Industries to Achieve Business Excellence”,* Journal of Construction Management (JCM) (Accepted), Department of Research and Publications, National Institute of Construction Management and Research (NICMAR), Pune(Print).
3. Iyer Vijayan Gurumurthy , *“Design and Development of Sustainable Wastwater Treatment Plant for Sustainable Development Management of Wastewater in Context to Indian Scenario”*, Journal of Economics World ” (ISSN 2328-7144) , Sep-Oct 2017 , Vol.5, No.5, doi:10.17265/2328-7144/2017.05.011, David Publishing Company, New York, USA, http://www.davidpublishing.org /Home/Journal/EW , pp.486-492.
4. Iyer Vijayan Gurumurthy (2017).*“Strategic Environmental Assesssment (SEA) Process for the Higher Education Institutions (HEIs)* *to Achieve Research and Academic Excellence* ” , Journal of Modern Education Review , ISSN 2155-7993,USA, December 2016, Volume 6, Number 12 , PP. 958-970 (13 pages) @Academic Star Publishing Company , New York, USA , <http://www.academicstar.us>
5. Iyer Vijayan Gurumurthy (2016).“*Environmental and Quality Management for the Higher Education Institutions to Achieve Research and Academic Excellence* ” , Journal of Modern Education Review (JMER), ISSN 2155-7993,USA, February 2016, Volume 6, Number 2 , PP. 135-146 (12 pages) @Academic Star Publishing Company , New York, USA , <http://www.academicstar.us>.
6. Iyer Vijayan Gurumurthy, “Sustainable Wastewater Treatment Engineering”, Released on 26 th Jan 2017. Released Duration : 12 minutes; Here is link in YouTube : <https://www.youtube.com/watch?v=3JHu-YzUpXQ>

https://www.youtube.com/watch?v=Pwdhwas\_sVg

1. Iyer, Vijayan Gurumurthy, “Introduction Prof Dr Vijayan Gurumurthy Iyer ”- Duration: 41 Seconds. Here is link in YouTube ; https://www.youtube.com/watch?v=HtG0nWq5jX8
2. Iyer Vijayan Gurumurthy, *“Social Impact Assessment Process for an Efficient Socio-Economic Transformation towards Poverty Alleviation and Sustainable Development” ,*

Global Journal on Advances in Pure and Applied Sciences, GJAPAS (ISSN: 2301-2706). Volume 7 (2015) PP. 150-169.

1. Iyer, Vijayan Gurumurthy ,*“Strengthening of Extension Learning and Education through*

 *Sustainable Entrepreneurship”.* Journal of Emerging Trends in Economics and Management

 Sciences (JETEMS) ISSN: 2141-7024, **Volume 6, Number 8 , 403-411.** © Scholarlink Research

 Institute Journals, 2015 (ISSN: 2141-7024), jetems.scholarlinkresearch.com

1. Iyer, Vijayan Gurumurthy , *“Social Impact Assessment (SIA) Process for Sustainable*

 *Entrepreneurship” ,*Journal of Emerging Trends in Economics and Management Sciences

 (JETEMS)(ISSN: 2141-7024) 6(7):207-219© Scholarlink Research Institute Journals, 2015

 jetems.scholarlinkresearch.com

1. Iyer, Vijayan Gurumurthy.*“Education Coupled with Entrepreneurial Process Approach Towards Sustainable Development”,* Journal titled Procedia-Social and Behavioral Sciences (ISSN: 1877-0428) Published by ScienceDirect , Elsevier Ltd., Oxford, UK, [www.sciencedirect.com](http://www.sciencedirect.com), 177 (2015) 147-161, PP 147-161.
2. Iyer, Vijayan Gurumurthy*. “Wastewater Treatment Using Eco Bio-Construction Material Technology”,* Ecosustainability:2013-10-01-1, BIOCONSTRUCCTIONES 2013-10-01-33,Revista VIRTUALPRO PROCESOS INDUSTRIALES Ibero-American Journal of Industrial Processes Engineering, Free Open Access Journal ; ISSN 1900-6241 , Number 1, October 2013, [www.revistavirtualpro.com](http://www.revistavirtualpro.com) , VIRTUALPRO Magazine , Bogota, Colombia.

13. Iyer, Vijayan Gurumurthy. *“Industrial Landfill Sources of Air Water and Land Pollution”,*World Journal of Environmental Research(e-ISSN 2301-2641), Academic World Education and Research Center *,* Volume 1, Number 1, 2011, pp.1-4 *.*

14. Iyer, Vijayan Gurumurthy .*“Properties of Gin Roller Covering Materials for Cotton Double*

 *Roller Gins (Part-II)”,* Journal of Textile Association (India) (ISSN 0368-4636), Volume 72 Number 2, July-August 2011 , pp.79-84.

15. Iyer, Vijayan Gurumurthy. “*Properties of Gin Roller Covering Materials for Cotton Double*

 *Roller Gins (Part-I)”,* Journal of Textile Association (India) (ISSN 0368-4636), Volume 71, Number 2, July-August, 2010, pp. 59-61.

16. Iyer, Vijayan Gurumurthy. *“Mixing of Power Plants for Optimum Utilization of Energy Resources*”, Indian Journal of Power and River Valley Development (IJPRVD), (ISSN 0019-5537). Special Issue on Electricity- The Energy Carrier for the Present and Future, incorporating Volume 57, Numbers 1 & 2, January-February 2007, pp. 73-88.

17. Iyer, Vijayan Gurumurthy. “*Design and Production of an Eco-friendly Technology for the Processing of Cotton Fibers* , Journal of Textile Association (India) (ISSN 0368-4636), Volume 67, Number 6, March-April , 2007, pp. 255-262.

18. Iyer, Vijayan Gurumurthy.*“Eco-Friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins”,* Journal of Agricultural Safety and Health (ISSN 1074-7583), published by American Society of Agricultural and Biological Engineers (ASABE), Volume 13, Number 1, January, 2007, pp. 33-43 .

19. Iyer, Vijayan Gurumurthy, et al. “*Important Elements of Disaster Management and Mitigation and Design and Development of A Software Tool”,* WSEAS Transactions on Environment and Development (ISSN: 1790-5079), Volume 2, Issue 4, April, 2006, pp. 263-282.

20. Iyer, Vijayan Gurumurthy, et al. “*Design and Development of Eco-friendly Alcohol Engine*

 *Fitted with Waste Recovery System,* WSEAS Transactions on Environment and Development (ISSN: 1790-5079), Volume 2, *Issue* 4, April, 2006, pp. 283-287.

21. Iyer, Vijayan Gurumurthy, et al. “*Design and Development of Bogie Hinge Joint Flushing*

 *Device for the Safety Preservation of Aircraft Engines*”, WSEAS Transactions on Environment

 and Development (ISSN: 1790-5079), Volume 2, Issue 4, April 2006, pp. 288-300.

22. Iyer, Vijayan Gurumurthy, et al. “*Unsafe Chromium from Cotton Ginneries and Development of*

 *a Rubberized Cotton Fabric Roller for Cotton Roller Gins*”, WSEAS Transactions on

 Environment and Development (ISSN: 1790-5079), Vol. 2, Issue 4, April 2006, pp. 301-308.

23. Iyer, Vijayan Gurumurthy, et al. “*Study of the Health Effects of Chromium Rollers Used in*

 *Cotton Roller Ginning Industries and Development of an Alternative Ginning Process*”, WSEAS

 Transactions on Environment and Development (ISSN: 1790-5079), Vol. 2, Issue 4,

 April 2006, pp. 425-433.

24. Iyer, Vijayan Gurumurthy, et al. “*Experimental Investigations to Optimize the Utilization of*

 *Energy Resources*”, WSEAS Transactions on Environment and Development (ISSN: 1790-5079),

 Volume 2, Issue 4, April 2006, pp. 440-453.

25. Iyer, Vijayan Gurumurthy. *“Process of Manufacture of Eco-Lint Cotton”,* Journal of Textile

 Association (India) (ISSN: 0368-4636), Vol. 66, Number 6, March-April, 2006, pp. 265-268.

26. Iyer, Vijayan Gurumurthy, et al. “*Environment Management System for the Organizations to Achieve Business Excellence”,* WSEAS Transactions on Business and Economics (ISSN: 1109-9526), Volume 3, Issue 1, January 2006, pp. 32-43.

27. Iyer, Vijayan Gurumurthy, et al. *“Environmental Health Effects of Chromium - A Modeling*

 *Approach to Find Environmental Impacts”,* WSEAS Transactions on Environment and

 Development (ISSN: 1790-5079), Volume 2, Issue 3, March 2006, pp. 188-197.

28. Iyer, Vijayan Gurumurthy, et al. “*Eco-Friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins*”, WSEAS Transactions on Environment and Development (ISSN: 1790-5079), Volume 2, Issue 3, March, 2006, pp. 198-206.

29. Iyer, Vijayan Gurumurthy, et al. “*Assessment of Pollution Load from Unsafe Chromium Leather Tanneries in India*”, WSEAS Transactions on Environment and Development (ISSN: 1790-5079), Volume 2, Issue 3, March 2006, pp. 207-215.

30. Iyer, Vijayan Gurumurthy. *“Chromium and Pollution from Cotton Roller Ginning Industries and*

 *Development of An Eco-Friendly Alternative”,* Journal of Textile Association (India)

(ISSN: 0368-4636), Volume 66, Number 3, September – October, 2005, pp. 105-115.

31. Iyer, Vijayan Gurumurthy. “*Some Practical Hints on Preservation of Aircraft Engines Using a Rig from Corrosion Problems*”, Journal of Aerospace Sciences & Technologies, (ISSN 0972-950X) Volume 57, Number 3, August 2005, pp. 374-382.

32. Iyer, Vijayan Gurumurthy. *“Eco-Friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins”.* Journal of Textile Association (ISSN: 0368-4636), Volume 65, Number 6, March – April, 2005, pp. 265-272.

33. Iyer, Vijayan Gurumurthy, et al. *“Environmental Impact Studies of Chrome Rollers Used by*

 *Cotton Roller Ginning Industries and Design and Development of Pollution-Free Chrome Less*

 *RCF Rollers”,* Journal of Environmental Monitoring and Assessment”, Volume 96, Issue 1-3,

Kluwer Academic Publishers, Springer Netherlands, 2004, pp. 163-181.

34. Iyer, Vijayan Gurumurthy, et al. “*Environmental and Health Effects of Rollers Used in Cotton Roller Ginning Industries” ,*(ISSN: 02537141), Indian Journal of Environmental Protection, Volume 21, Issue 6, June, 2001, pp. 499-507.

35. Iyer, Vijayan Gurumurthy. *“Cotton Ginning and Lint Quality”.* The Textile Industry and Trade

 Journal (ISSN 0040:4993) , Volume 37, July – August, 1999, pp. 73-80.

36. Iyer, Vijayan Gurumurthy. *“Environmental and Health Effects of Rollers Used in Ginning*

 *Industries ”.* Journal of the Textile Association (ISSN: 0368-4636), Volume 59, Number 2,

 July-August, 1998, pp. 87-91.

37. Iyer, Vijayan Gurumurthy. “*Environmental and Health Effects of Chrome Composite Leather*

 *Clad Rollers Commonly Used by Cotton Roller Ginning Industries*”, Textile Industry of India,

 Volume 37, Number 7, 1998 Issue, pp. 11-19.

38. Iyer, Vijayan Gurumurthy, et al. *“ Design of a Mote Grooving Tool and It’s Holder for Rollers*

 *of Roller Gins”,* Journal of the Institution of Engineers (India)(I.E.(I),(ISSN: 0257-4438),Textile

 Engineering Division TX-I.E. (I), Volume 77, April 1996 Issue, pp. 4-7.

39. Iyer, Vijayan Gurumurthy. “*Setting and Adjustments in Saw Gin Stand for Improved Quality*

 *Cotton”.* Journal of the Textile Association ( ISSN : 0368-4636), Vol. 56, Issue 6, March, 1996,

 pp. 228.

40. Iyer, Vijayan Gurumurthy, et al.*“A Resume’ of the Investigations Carried Out on the*

 *Pre-cleaning and Ginning of Indian Cottons”*, The Textile Industry & Trade Journal, Volume 33,

 November- December 1995, pp.101-104.

41. Iyer, Vijayan Gurumurthy. *“A Study of Backlash in Double Roller Gins”,*The Cotton Gin and

 Oil Mill Press , Haughton Publishing Co. , (National Oilseeds Cotton Association of Texas),

 Texas, USA , June, 1994 Issue, pp. 12-22.

42. Iyer, Vijayan Gurumurthy, et al. *“Some Practical Hints on Pre-Cleaning and Ginning of*

 *Cotton”,* The Indian Textile Journal (ISSN: 0019-6436), Volume 104, October 1993 Issue,

 pp. 28-32.

43. Iyer, Vijayan Gurumurthy, et al.*“A Simple Device to Prevent backlash in Roller Gins”*, Journal

 of the Textile Association (ISSN: 0368-4636), Volume 54, Number 3, September 1993 issue

 pp. 87-91.

44. Iyer,Vijayan Gurumurthy. “*How the Bread is Baked?”* Invention Intelligence, (National Research

 & Development Corporation of India) June, 1987, pp. 223-224.

17. Research Publications: Chapters in Text or Reference Books of High Impact SCI/SSCI Published By International and National Publishers Including Local Publishers with An Established Peer Review System with ISBN/ ISSN in Chronological Order:

 Refereed High Impact SCI/ SSCI Book Chapters ( International & National ) = 90 (80+10)

 API Score: 599 points

1. Iyer,Vijayan Gurumurthy (2017). “Strategic Environmental Assessment (SEA) Process Towards Sustainable Construction Management Development for the Construction Industries to Achieve Business Excellence”. In the Proceedings of the 4 th International Conference with the Theme Disaster Risk Management for Sustainable Development (DRMSD 2017) to be held during 23-25, August, 2017 at Rochester Institute of Technology , Dubai at Dubai Silicon Oasis , Research Paper number DRMSD/2017/033, dated 20.04.2017.http://truescholar.org/ (Accepted for Publication)

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3. National Institute of Science Communication and Information Resources (NISCAIR) (CSIR Journal) (Print ISSN:0253-150X, online ISSN : 0976-0547) ISSN: 0019-6339, Indian Science Abstracts, Fortnightly, ISA Volume-43, ISA Issue number 9, 1 May 2007, [www.niscair.res.in](http://www.niscair.res.in), NISCAIR ID.No.009294, *Process of Manufacture of Eco-Lint Cotton*. Journal of Textile Association, March-April 2006, 66(6) , 265-268.
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26. Some High Impact SCI Journal Citation indexes (JCI) & Conference Proceedings Citation

 Index(CPCI)

 **210** number of Publications Indexed on the following Journal Citation Index and Conference

 Proceedings Citation Index or Inclusion in list of citation database including

 Conference Proceedings Citation Index (CPCI) ;

 Total number of Indexes = 508

###  Total Number of Documents Available in International Citation Indexed Database = 456

###  including 12 documents available in Scopus database Elsevier BV.

###  Total Number of Documents Available in National Citation Indexed Database = 48

 Number of citation indexes per published article: =2.731

 h.index (Research age) = 40

 International Publications are Indexed or Abstracted by the following citation database.

1. <http://ofuturescholar.com> =1
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3. https://www.scholar.google/citations =45
4. http:/sciencedirect/ =1
5. Credoreference .com =1
6. [www.worldcat.com](http://www.worldcat.com) =1
7. CiteSeer <http://citeseerx.ist.psu.edu/> =1
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9. Academic World & Research Center =1

Awer\_Center Proceedings Journals AWER Index , www.awer-center.org

1. Science Direct =1
2. ISI Thomson Reuters Conference Proceedings Citation Index

(ISI Web of Science) =1

1. <http://www.infibeam.com> =1
2. [www.worldeducationcentre.edu](http://www.worldeducationcentre.edu) =1
3. [www.setbook](http://www.setbook). (Recent research...) =1
4. <http://www.metalinfo.com.cn> =1
5. <http://www.ebookabb.org> =1
6. http://allbookez.com/ =1
7. <http://www.holisticpage.com.au/> =1
8. http://www.a1outlet.com/ =1
9. <http://www.saxo.com> =1
10. <http://www.seipub.org/fiee> Frontiers in Environmental Engineering =1
11. <http://www.abe.pl/recent> research results and activities …. =1
12. <http://www.yumpu.com/defence> textiles =1
13. <http://www.amazon.co.uk> =1
14. <http://www.amazon.co.jp> =1
15. <http://amozon.in> =1
16. <http://www.amazon.com> =1
17. http:// www.petlaczasu.pl =1
18. www.author mapper.com = 1
19. [www.morebooks.de](http://www.morebooks.de) =3
20. <http://online.lap-publishing.com> =1
21. <http://www.lap-publishing.com/> =1
22. SCOPUS [www.scopus.com](http://www.scopus.com)/author ID 35317852400 (Elsevier BV.) =15
23. National Agricultural Safety Databases (NASD)/ NIOSH(USA) = 1
24. ASABE Technical Library = 1
25. Find Health article.com = 1
26. [www.chemwatch.net](http://www.chemwatch.net) Victoria, Australia = 1
27. [www.abebooksfr](http://www.abebooksfr) = 1
28. <http://Abebooks.co.uk> =1
29. <http://Abebooks.com> =1
30. <http://ebay.com> =1
31. [http://www.nasdonline.org](http://nasdonline.org) =1
32. MEDLINE PubMed (USA) databases = 2
33. Ritsumeikan University (Japan) = 1
34. National Library of Medicine/National Institutes of Health (USA) = 2
35. [www.revistavirtualpro.com](http://www.revistavirtualpro.com) =1
36. <http://www.reforum.de/Recent> research and activities

RC Forum Modellban Forum =1

1. <http://www.bokus.com> =1
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3. [www.academia.edu](http://www.academia.edu) =1
4. [www.booksamillion.com](http://www.booksamillion.com) =1
5. http://[www.homeshop18.com](http://www.homeshop18.com) =1
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13. URICHSWEB =1
14. <http://guenstig-angebote.com> =1
15. <http://naaptol.com> =1
16. World Federation of Engineering Organizations (WFEO) =2
17. CAB Abstracts databases =2
18. World Chemical Abstracts/ American Chemical Society, Columbus =1
19. Sensei/ [www.qsensei.com](http://www.qsensei.com) =1
20. Centre for Research and Technology (CERTH), Hellas =1
21. National research Council, Canada =1
22. Base de Dades de Sumaris Dades Del Sumari Da =1
23. Springer Link Journal article Springer Science + Business media =1
24. CAS of America =1
25. DOAJ of Sweden =1
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34. <http://www.malpletrans.com/> =1
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38. ISI Web of Science =1
39. <http://www.gconfernce.net/> =1
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41. <http://www.bookcity.pl/author/> =1
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43. <http://www.researchgate.net/publication/6436432>, Eco-friendly ...machines. =1

Research gate is the professional net work for scientists and researchers.

1. <http://www.scipub.org> Advances in Water Resources and Protection. =1
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 Web of Science and Web of Knowledge (Thomson Reuters) = 49

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132.CAT.INIST; INIST-CNRS databases =1

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136.CSA Technological Research Databases, MI , USA =2

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143.Centre for Research and Technology (CERTH), Hellas =1

144.National Research Council, Canada =1

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147.The World Academic Publishing Co. Ltd. /http:// [www.academicpub.org/](http://www.academicpub.org/) =1

148.National Library of Medicine/National Institutes of Health (USA) = 2

149.BioinfoBank Library =2

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151. Sabinet Online =2

152. http://www.internationalbiographical centre.com/hondl\_award\_entry.php?id=99853 =1

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1. <http://directory.indianjournals.com/ijor> =1
2. <http://debm-ediiindia.ac.in/counsellors/student> record =1
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12. Vedam books =4
13. Paryavaran abstracts =1
14. Technoprener.net (DSIR) =1
15. National Informatics Center =1
16. TNFC News =1

National Citation databases = 42

Total number of citation indexes = 448

Details of Publication Indexed in Citation Indices:

Indexing-abstracting: Details of international citation databases documents:

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Technische Informations Bibliothek (TIB) is a German citation database.

1. http:// Leibniz Information Centre for Science and Technology University Library

 Given below documents are available in the TIB Database (ISSN: 0368-4636). Free access.

1. Chromium and pollution from cotton roller ginning industries and development of an eco-friendly Alternative

 2. Eco-friendly rubberized cotton fabric roller for ginning machines

 3. Environmental impact studies of chrome rollers used by cotton roller ginning industries and

 design and development of pollution free chrome less RCF rollers.

1. Environmental and health effects of rollers used in ginning industries
2. Environmental health effects of chromium -A modeling approach to find environmental impacts
3. Process of manufacture of eco-lint cotton
4. Some innovative practice on quanity and quality of engineering education and research.
5. Properties of gin roller covering material for cotton double roller gin (Part-I).
6. Properties of gin roller covering material for cotton double roller gin (Part-II).

2.Indian Citation Database, <http://www.indiancitationindex.com/>

1. Properties of gin roller covering material for cotton double roller gin (Part-I).
2. Properties of gin roller covering material for cotton double roller gin (Part-II).

Design and Production of An Eco-Friendly Ginning Technology for the Processing of Cotton

Fibres

1. Some practical hints on preservation of aircraft engines using a rig from corrosion problems.
2. Mixing of power plants for optimum utilization of energy resources,
3. Eco-Friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins

3. Cite Seer X is a public search engine citation database of Pennsylvania State University.

Given below documents are available in the Cite Seer X

Environmental impact studies of chrome rollers used by cotton roller ginning industries and

design and development of pollution free chrome less RCF rollers.

4. [www.morebooks.de](http://www.morebooks.de) *“Self-Bibliographical References of Prof.(DL) Dr.Vijayan*

 *Gurumurthy Iyer, Sub title: “Sustainable Self-Bibliographical References About Sustainable*

 *Literature by Prof.(D.SC.,LL.D.,DL) Dr. Vijayan Gurumurthy Iyer ”* , (ISBN-13: 978-3-330-

 06124-8) ISBN-10: 3330061243 EAN: 9783330061248) Edited By Natalia Cojocar Acquisition

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119.library.tee.gr/digital /m2045/m2045\_contents.htm-360k… HELECO’05 .

120.Centre for Research and Technology (CERTH), Hellas. WSEAS International Conference on

 Energy, Environment, Ecosystems and Sustainable Development (EEESD 2006), Greece

 July 11-13, 2006.

121.CSA Guide to Discovery, CSA technological research database, CSA Illumina information

 company, Bethesda, Maryland U.S.A., *Aerospace and High Technology* database has

 documented abstract entitled “Some practical hints on preservation of aircraft engines using a

 rig from corrosion problems. *Journal of Aerospace Sciences and Technologies* 57(3)

 August: 374- 282. 2006.

122.CSA Guide to Discovery, CSA technological research database, CSA Illumina information

 company, Bethesda, Maryland, U.S.A., *Solid State and Superconductivity* database has

 documented abstract text entitled “Some practical hints on preservation of aircraft engines using

 a rig from corrosion problems. *Journal of Aerospace Sciences and Technologies* 57(3) August:

 374- 282. 2006.

123.British Library Board has documented my article entitled “Environmental impact studies of

 chrome rollers used by cotton roller ginning industries and design and development of pollution-

 free chrome less RCF rollers”, *Journal of Environmental Monitoring and Assessment* 96

 (1-3):163-181. The Netherlands. Kluwer Academic Publishers 2006, ISSN 0161-6369,

 Bibliographic details 2004, Vol.96; No.1/3, page 163-181.

124.British Library Board has documented full text of my article entitled *“Environmental*

 *Management System for the Organizations to Achieve Business Excellence”,* WSEAS Transactions

 on Business and Economics 2006, Vol.3: ISSU 1-WSEAS press, Gr, ISSN 1109-9526, pp.32-43.

125.National Research Council, Canada (NRC)/ Conseil National de recharches Canada – Discover

 has documented the abstract entitled “Environmental Impact Studies of Chrome Rollers Used by

 Cotton Roller Ginning Industries and Design and Development of Pollution free chrome less RCF

 Roller” . Journal of Environmental Monitoring and Assessment, ISSN: 0167-6369 dated August

 2004, Volume 96/1-3, pp.163-181.

126.Springer Link Journal article Springer Science + Business media has documented abstract

 entitled “Environmental Impact Studies of Chrome Rollers Used by Cotton Roller Ginning

 Industries and Design and Development of Pollution free chrome less RCF Roller”, August 2004

 Vol.96/1-3, pp.163-181.

127.Base de Dades de Sumaris Dades Del Sumari Da “ Environmental Monitoring and Assessment

 2004 Volume 96, Number 1-3 , pp.163 has documented citation index entitled “ Environmental

 Impact Studies of Chrome Rollers Used by Cotton Roller Ginning Industries and Design and

 Development of Pollution free Chrome less RCF Roller” , August 2004 Vol.96/1-3, pp.163-181,

 Citation date 5.02.2003.

128.The paper entitled *“Important Elements of Disaster Management for Practitioner*s”, The

 Institution of Engineers (India) Proceedings Volume I of the World Congress on Natural Disaster

 Mitigation (ISBN: 81-7525-478-5), 19-21 February, 2004, Session B-2, Vigyan Bhawan in New

 Delhi organized by the Institution of Engineers (India) under the aegis of the World Federation of

 Engineering Organizations (WFEO) , Volume I pp. 369-388, Volume 3 pp. 35-37.

129.Chinese library.ttri.org.tw/has cited on 1.12.2004, “A Simple Device to Prevent Backlash in

 Double Roller Gins”, 1993.

130. Institute of Textile Technology, Charlottesville, Va. Has abstracted in Textile technology

 Digest , Volume 55, Issues 7-12, July 1998 , 04855/98, pp.4.Some Practical Hints on Pre-

 cleaning and ginning of Indian Cottons.

131.Chinese library.ttri.org.tw/ has cited on 1.12.2004. Some Practical Hints on Pre-cleaning and

 ginning of Indian Cottons, Vol. 104, 1993.

INDEXING-ABSTRACTING on the International Citation Indexed Database Documents (CIDD)/

E-Publications are indexed or abstracted database:

1. 6 th National Teachers’ Science Congress NSTC -11, [www.ncstc-network.org](http://www.ncstc-network.org) has included the abstract in NSTC database.
2. [http://www.ediindia.org/doc/list of institutions for website\_latest.pdf.serial](http://www.ediindia.org/doc/list%20of%20insitutions%20for%20website_latest.pdf.serial) number 68=1
3. Safety Conference 2013; Institution of Engineers (India) , IEI News , Volume 63, Number 6, September 1, 2013, ISSN 0971-3352 / http://www.ieindia.org .
4. Mr.Shrish R Shah has cited in LinkedIn Corporation about the futility of the Research Work Carried Out on Cotton Ginning Roller Material. He has mentioned about the future research.
5. Tamil Nadu Science Forum-Thalavadi has obtained abstract entitled ‘Monitoring an measurement opportunities of food contaminants through process approach’ TN/27/III , citation database ; http://tnsfsalem2009.blogspot .com
6. Tamil Nadu Science Forum-Salem has obtained abstract entitled ‘Monitoring and measurement opportunities of food contaminants through process approach’ TN/27/III , citation database ; <http://Tamil>Naduscience forumthalavadi.blogspot.com
7. ISTE Newsletter Volume XXXI, No.3, Monthly –March, 2011 , “Dr.Vijayan Gurumurthy Iyer has been awarded the Honorary Doctorate of Science & Engineering , D.Sc (Engg.) by the Yorker International University on 29.11.2010 at Firenze, Italy.
8. Sandeep Mathur Implementing IT in Disaster Management Proceedings of the 4 th National Conference , INDIAcom 2010 , Computing for Nation Development , Feb.25-26,2010, Bharati Vidyapeeth’ Institute of Computer Applications and Management , New Delhi , pp.5
9. “Environment of Odisha to be Made More Cleaner by a Chennai Professor”, Reported by News Bureau, Orissabarta from Chennai, dated 2011-07-25.
10. <http://www.dkagencies.com/doc/World> Congress on Sustainable Development Engineering & Technological Challenges of the 21 st Century, Kolkata, January 2000.
11. <http://maharastra.intetgiant.in/Pune/Ad> Details/N-Engineering Academy/2848653

 INETGIANT /

1. Portal OPEN J GATE , Informatics India Ltd.,2010 Design and Production of an Eco-friendly Ginning Technology for the Proceeding of Cotton Fibres -
2. Environment Pollution Research Vedams Books, 2002, ISBN 81-7648-259-5 , Chapter-20.
3. Environnent Pollution, Management, Vedams Books, 2003, ISBN 81-7648-419-9, Chapter-3.
4. Sustainable Water Management: Challenges, Technologies and solutions, Vedams@vedamsbooks.com, 2007, Chapter-27.
5. TANSTIA-FNF Service Center (TFSC) News , October, 2007
6. Challenges of Occupational Safety and Health: Thrust, Safety in Transportation: Proceedings , <http://gojaba.com/bbk/219503/chapter> 30.
7. AIMA News , March-April, 2008, pp.22, “Properties of Gin Roller Covering Materials for Cotton Roller Gins” , February 1-3, 2008 at CIAE, Bhopal.
8. ISTE Newsletter Vol. XXVIII, No.1, Bi-Monthly – Jan-Feb. 08, “Properties of Gin Roller Covering Materials for Cotton Roller Gins” in 42 nd ISAE Convention at CIAE, Bhopal, on 2.2.2008.
9. Rakesh Meena IV Year B.Tech Student IIT, Kanpur has referred this paper “Eco-friendly … machines” (ISSN: 0019-6339) and was keen interested to work in this project (e-mail dated 15.3.2009).
10. Textile Committee, Ministry of Textiles and Government of India has quoted the paper abstract “Eco-friendly Rubberized Cotton Fabric Roller for Ginning Machines” from the American Society of Agricultural and Biological Engineers (ASABE) , USA ,13(1) : 33-43@2007 in ASABE Technical Library , 2007 .
11. National Institute of Science Communication and Information Resources (NISCAIR) (CSIR Journal) (ISSN: 0019-6339), Indian Science Abstracts, Fortnightly, ISA Volume-42, ISA Issue 17, 1 May 2007, [www.niscair.res.in](http://www.niscair.res.in), NISCAIR ID.No.009294, Eco-friendly Rubberized Cotton Fabric Roller for Cotton Roller Gins” , Journal of Textile Association 2006, 66(6) , 265-268.
12. National Institute of Science Communication and Information Resources (NISCAIR) (CSIR Journal) (ISSN: 0019-6339), Indian Science Abstracts, Fortnightly, ISA Volume-43, ISA Issue 9, 1 May 2007, [www.niscair.res.in](http://www.niscair.res.in), NISCAIR ID.No.009294, *Process of Manufacture of Eco-Lint Cotton*. Journal of Textile Association 2006, 66(6) , 265-268.
13. Report on Convocation 2007 about Fellowship award of AIMA during 2006-2007.
14. All India Management Association, AIMA News, July-August 2007 , pp.26. Citation “Documented his biography in the *Dictionary of International Biography* and the *Cambridge Blue Book* of foremost International Engineers published by International Biographical centre of Cambridge, England.
15. All India Management Association (AIMA) News, May-June, 2007 , pp.30. Citation for Outstanding intellectual of the 21 st Century Diploma in honor of an outstanding contribution in the field of Environmental Management and biography has been documented in the “2000 Outstanding Intellectuals of the 21 st Century published by the International Biographical Centre, Cambridge, England.
16. AIMA New (Bi-monthly Newsletter), November-December, 2007. pp.26. Presentation of paper on 20 November 2007 titled “ Correct practices and guidelines for applying occupational health and safety standards in Coal mining industry in the I st International conference on managing the social and environmental consequences of coal mining in India organized by Indian School of Mines, Dhanbad held at New Delhi during 19-21 November.
17. ISTE newsletter Vol.XXVII, No.1 Jan-Feb 2007 citation regarding inclusion as an International listee of biography in the first edition of Marquis Who’s Who in Asia-2007.
18. ISTE newsletter Vol.XXVII, No.3 , May-June 2007 and Volume XXVI, Number 6 , November-December 2006 citation regarding International listee as an biography which has been documented in the upcoming 25 th edition of Marquis Who’s Who in the World-2008.
19. Citation of abstract entitled *“Design and Production of Eco-friendly Ginning Technology for the Processing of Cotton Fibres*”, J. of Textile Assn, I.No. 6,Vol.67 ,May-2006-April,2007 , pp. 253.
20. Citation of Chromium Pollution and Contamination from Cotton Ginning Industries, “Journal of Textile Association Vol.66, May, 2005-April, 2006, Number 6, pp. 105, Process of Manufacture of Eco Lint Cotton, Volume 6, Page number 263.
21. Journal of Textile Association Issue March-April 2006 pp. 297, Volume 66- May 2005- March 2006 Subject index (i) Chromium pollution …. Alternative, No.1, pp.105, (ii) Process of manufacture of eco-lint cotton , No.6 , pp.263.
22. Paryavaran (MOEF) has documented abstract from Environmental Monitoring and Assessment 96 (1-30) 2004, 163-181 [13 References]. 0501-032 Environmental management.
23. National Institute of Science Communication and Information Resources (NISCAIR)(CSIR Journal) , Indian Science Abstracts, Fortnightly , ISA Volume-42 , ISA Issue-17, No.16, 1 September 2006,[www.niscair.res.in](http://www.niscair.res.in), NISCAIR- ID.No.017372. Leather, Metal paper and Textile industries’. (ISSN:0019-6339) Chromium and pollution from cotton roller ginning industries and development of an eco-friendly alternative. Journal of Textile Assn.2005, 66(3),pp.105-115.
24. National Institute of Science Communication and Information Resources (NISCAIR) (CSIR Journal) , Indian Science Abstracts, Fortnightly , ISA Volume-42,ISA Issue-03, 16 February 2006, [www.niscair.res.in](http://www.niscair.res.in), NISCAIR I.D.No. 002829. ISSN: 0019-6339, Some Practical Hints on Preservation of Aircraft Engines Using A Rig from Corrosion Problems. Journal of Aerospace Sciences & Technologies 2005, 57(3),374-382.
25. Profile listed in the database ‘Technoprener.net /expert base/view profile/User code C-50 .
26. ISTE Newsletter Number Vol.XXVI, Number 6, November/December 2006, Vol.XXVII, No.1, January/February, 2007 for the biographee has been documented in the Marquis Who’s Who in Asia on account of outstanding achievement and contributions.
27. ISTE newsletter Volume XXVI, Number 4 July/August 2006 –Presentation of paper titled “Quantity and Quality in Engineering Education and Research in the 3 rd WSEAS International Conference on Engineering Education at Athens, Gr. during July 11-13, 2006.
28. ISTE newsletter Volume XXVI No.2- March/April 2006-Presentation of paper titled “Mixing of various power plants for optimum utilization of energy resources”, International conference on Electricity 2006 at Kolkata organized by the Indian Journal of power and river valley development during 4-6 February 2006.
29. Journal of Aerospace Science & Technologies, August 2005, AeSI has documented abstract Some Practical Hints on Preservation of Aircraft Engines Using a Rig from Corrosion Problems.
30. ISTE newsletter Vo.XXV , No.2, March/April 2005- Presentation of paper entitled “ Eco- friendly rubberized cotton fabric roller for cotton roller gins ” in a conference on Technological advancements and environmental challenges in mining and allied industries in the 21 st century on Feb. 5-6, 2005 at National Institute of Technology, Rourkela, Orissa.
31. ISTE newsletter Vol.XXV, No.3, May/June 2005- Tamil Nadu Government Environmental award-2004 for the best research essay publication during the World Environment day for presenting a research paper entitled “ Eco-friendly rubberized cotton fabric roller development for cotton roller gins” in 18 th National Convention of Agricultural Engineers and National seminar on ‘Role of Agricultural engineers in the Development of Cash Crops during 26-27 March 2005 held at Tamil Nadu Agricultural University , Coimbatore.
32. ISTE newsletter Vol.XXV, No.4, July/August 2005 – Conferred environmental award 2004-2005 for the best research essay entitled “ Eco-friendly rubberized cotton fabric roller development for cotton roller gins” by the Government of Tamil Nadu, Department of Environment for significant and outstanding international publication in the field of environmental science and engineering. The law minister and environment minister of Government of Tamil Nadu presented the award at Chennai on 8.6.2005 during World Environment Day.
33. IE(I) –TNSC news bulletin , July 2005 , page number 2 , “Environmental award 2005 from the government of Tamil Nadu for presenting the best research essay”, entitled “ Eco-friendly rubberized cotton fabric roller for cotton roller gins” published in the World Engineering Convention(WEC)-2004 at Shanghai, China. The award included Citation, cash award and a Silver coin.
34. ISTE newsletter Vol.XXV , No.1, Jan/ Feb.,2005- Presentation of paper “ Engineers shape

 the sustainable future” in World Engineers Convention (WEC)- 2004 held at Shanghai,

 China during November 2004 and assumed charge as Principal of P.T.Lee Chengalvaraya

 Naicker College of Engineering and Technology on 27.12.2004.

1. ISTE newsletter Vol.XXIV , No.2, March/April 2004 , Nomination as ISTE Visiting Professor for the year 2004 in the area of specialization in environmental science and engineering.
2. South India Textile Research Association. Vol. III /3 (12368)/02: 17 July 2002 documented the paper entitled “Unsafe chromium contamination and pollution in cotton ginning industries”.
3. Central Institute for Research on Cotton Technology, Mumbai has documented the project work entitled “Development of a pollution-free gin roller for roller ginning industries” in November 2002 report.
4. Textile Working Group News Letter, Issue #3, June 1994 pp.4, ‘More On Cotton’.
5. Central Institute for Research on Cotton Technology, Mumbai has documented the project work entitled “ A mote grooving device for roller gins” in its *Annual Report:* 11-12 , Mumbai, 1993.
6. National Informatics Centre, National Research and Developments Corporation Ltd., New Delhi has documented the paper “How the bread is baked?” *Technology For Rural Development*: 1987.

27. Scientific Member of Board of Editors (Editorial Board Member) of International Journals

 in the technical paper reviewing and evaluation process of manuscripts contributions in the field

 of Science & Technology:

1. Has been included as member of Technical Program Committtee (TPM) 2017 MCEBM The

 International Conference on Mechanics, Civil Engineering, and Buidling Materials, April 2017.

2. Has been included as a Technical Committee Member for 2nd International Conference on

 Systems, Science, Control, Communication, Engineering and Technology 2016

 [ICSSCCET 2016]. [www.icssccet.org](https://f5mail.rediff.com/cgi-bin/prored.cgi?red=http://www.icssccet.org&isImage=0&BlockImage=0&rediffng=0&rogue=8b84c3ff54a078a87a79ca6368355d170c2b2eca)/ASDF International

3. Reviewer Member of Global Perspectives in Geography (GPG) an International Open Access

 Journal for the latest advances in GPG. –Received reviewer appointment on 21.04.2015 . American 2. Society of Science & Engineering (AASE). [www.as-se.org/gpg](http://www.as-se.org/gpg) 2015-2016.

 Editorial board member in Journal of Management Engineering and Information Technology

 (JMEIT) include by Chief Editor of JMEIT.

3. Editorial Board and Member and Advisor of International Journal of Modern Electronics and

 Communication Engineering.

4. Editorial Member Board & Reviewer of Journal of Environmental and Waste Management

 (ISSN: 1936-8798) (JEWM), Premier Publishers, [http://premierpublishers.org/jewm/editors.](http://www.rediffmail.com/cgi-bin/red.cgi?red=http%3A%2F%2Fpremierpublishers%2Eorg%2Fjewm%2Feditors%2E&isImage=0&BlockImage=0&rediffng=0&rogue=9883ddfc2087ac847d8609924a010f3852945e26)

 As reviewer reviewed a manuscript ID: 170520164202.

5. Editorial Member Board & Reviewer of Journal of Geological Resources and Engineering of David

 Publishing Company, New York, USA , <http://www.davidpublishing.com> , Reviewed one

 (2 numbers) articles for JGRE20140527-1 and JGRE20151126-2 and .

 [http://www.davidpublishing.org/journals\_info.asp id=1553](http://www.davidpublishing.org/journals_info.asp%20id%3D1553).

 <http://www.davidpublisher.org/Home/Journal/JGRE>

6. Reviewer for Sky Journal of Agricultural Research (STAR), Reviewed Manuscript: SJAR-14-042

 [www.skyjounrals.org/SJAR .Sky](http://www.skyjounrals.org/SJAR%20.Sky) Journal of Food Science SJFS-14-047).

7. Reviewer of Sky Journal of Soil Sciences and Environmental Management (SJSSEM) .Reviewed

 the manuscript SJSSEM -15-016 titled “An Assessment of the factors responsible for flooding in

 Ibadan Metropolis Nigeria”. Has been reviewed on 1.04.2015 .

8. Reviewer of International Conference on Agricultural & Biological Sciences,

 ABS, www.absconf.org

9. Editorial member of Bioinfo Publications 2013.

10.Technical committee member of World Academy of Science, Engineering & Space (WASES).

11.Editorial Board Member / Reviewer/Member for Research and Educational Society (RES)

 Rajasthan Educational Society(RES).

12.Scholarly and Academic Research Journals, SARJ of Engineering reference letter dated 5 th

 February, 2013.

13.Journal of Environmental Monitor, Pakistan, 2006.

14.Reviewer of few proceedings and transactions of World Scientific and Engineering Academy and

 Society (WSEAS) , <http://www.worldses.org/reviewers.htm> and committee member of WSEAS

 International Conference on Water Resources, 2006.

15.Reviewer of WSEAS publications.

16.Additional Reviewer of proceedings of the 7 th WSEAS International Conference on System

 Theory and Scientific Computation, ISTASC, 07 (ISSN:1790-5117,ISBN:978-960-8457-98-0).

17.Reviewer of the Proceedings of International Conference Social Science, Social Economy and

 Digital Convergence (SSSE-DC’10).

18.Reviewer of the Proceedings of International Conference on Energy, Environment,

 Entrepreneurship and Innovation (ICEEEI 2011).

19.Reviewer – Publications of American Society of Agricultural and Biological Engineers (ASABE) .

 The Society for Engineering in Agricultural, Food, and Biological Systems in USA (Certifcation of appreciation letter received for efforts to review the manuscripts from ASABE on 27 th March 2014 : PM-05820-2005 , EDU-06561-2006, FPE-05908-2005, IET-06015-2005, SE-05925-2005, SE-06048-2005, SE06089-2005 in 2005-2006, SE-06163-2005; SW-06089-2006 and JASH-10545-2013 in 2014 ;

20.Member in Halls of International Biographical Centre (IBC), Cambridge, England.

21.Member of International Biographical Centre (IBC), IBC Research Council, 2007.

22. Member of Board of International Research, American Biographical Institute (ABI), 2008.

23.Reviewer of Journal of Advances in Mechanical Engineering and Science (JAMES), http://www.djjames.in

24. Reviewer of Bioinfo Publications, Member ID : F49D369BC9, dated 1 sep. 2015.

25. Reviewer of http://[www.omicsonline.org](http://www.omicsonline.org) (1939-067X) Open Access journal.

 http://www.omicsonline.org/editor-profile/vijayan\_gurumurthy\_iyer

26. International Journal of Agriculture Sciences ISSN : 0975-3710 . EISSN : 0975-9107 .

 DOI : 10.9735/0975-3710 , Volume : 7 Issue : 9, Bioinfo Publications,

 [www.bioinfopublication.org](http://www.bioinfopublication.org)

27. Reviewer for International conference on globalization an dissues of higher education 2017

 ICGHE 2017, Ottawa, Canada, 10-12 May 2017.

28. Reviewer for International Conference on modern education and information technology

 (MEIT 2017) June 24-25, 2015 Techncial porgramme committee member.

29.Proceedings of the International conference on interdisciplinary research in enginering and

 technology 2015 (ISBN 978 81 929 74 2 5 5) (SCIDRET 2015 during 29.04.2015-30.04.2015

 organized by Association of Scientists, Developers and faculties (ASDF) as a technical reviewer.

30.Technical committee member Second international conference on intelligent computing and

 system.

31. Second technical conference on frontiers of research in engineering, science and technology 2018.

 (ICOFEST 11-12 Feb 2018).

32. Global expert in the subject journal of civil and environmental engineering ISSN: 2165-784X and

 ISSN : 2472-0518 OMICS International journals , (open access) (Oil & Gas Research).

 https;/// www.omicsonlineorg/editor\_people\_vijayan\_gurumurthy\_iyer

33.Reviewer of ICBMSHB 2017 to hold n 10-12 May 2017 International conference on business

 Management society and human being, 2017, Canada 1-12 May 2017.

34.Technical reviewer of the proceedings of the International Conference on Systems science, control,

 communication, engineering technology 2015, 10-11, August, 2015, ISBN : 978-81-929866-1-6,

 ISBN: 10 81-929866-1 . www. edlib.net/2015/icssccet/978-81-929866-1-6 pdf/

35.Technical reviewer for second international conference on advances and challenges in

 interdisciplinary engineering and management (ICACIEM) 12-13 Feb 2018.

36.Technical reviewer of the first intenationa conference on cryptography and security 2017,

 9-10 Feb 2017, [www.iccs.asdf.res.in/](http://www.iccs.asdf.res.in/)

37. Technical reviewer of second international conference on advanced innovations in engineering and

 technology 2018 (ICATET) 14-15 Feb. 2018.

38. Technical reviewer Fourth international conference on Human machine internation (ICHMI)

 24-26 March 2017 [www.intconfhmincom/](http://www.intconfhmincom/)

28. Sponsored Research Projects Carried out and Ongoing Projects:

(i) Completed Sponsored Research Projects

1. ‘Cotton Roller Ginning Developments in India’, “Mr.Shrish R.Shah, Partner of M/S Bhaidas

 Cursondas & Company, 16 , Bombay Samachar Marg, Fort, Mumbai ” .

 Financial year 1991-2001 (Minor project amount of Rs. 5.0 Lakh) .

2. AICTE project “Entrepreneurship Development Cell” has been accorded to Dr.M.G.R. University

 Reference AICTE F.No.8024/RID/EDC-14 during 2006-2009. Major project amount Rs.8.0 Lakh

3. UNESCO-WFEO has provided travel grant for the participation in World Engineers’ Convention

 (WEC)-2004 in Shanghai, China during 2-6 November 2004. Minor project amount mobilized with grant of less than 1.0 Lakh.

4. WSEAS has provided travel grant for the participation in two International Conferences on

 Ecology and Environment and Engineering Education which were held at Athens, Greece during July 11-15, 2006. Minor project amount mobilizedfor travel grant of less than 1.0 Lakh.

(ii) Ongoing Projects/Programmes and Consultancy Tasks:

1. Main Researcher of Great Ethiopian Renaissance Projects , Haramaya University, Ethiopia

 during 2014-2015. With effect from 17.01.2014 to 10.02.2015 –Published in Ethiopian High

 Impact SCI Journals and Proceedings of 18 research papers in context to Ethiopia including

 eight publications in High Impact SCI Latin American and Caribbean Proceedings.

2. Current projects of Scientific Research (Main Researcher) World Scientific Engineering

 Academy and Society, Athens, Greece. (ECOSYSTEMS AND ECOLOGY) ,

 http://www.worldses.org//research/ Minor project amount mobilized with less than 1.0 lakh

3. Providing Technical Inspection and Certifications to industries as a Chartered Engineer,

 Professional Engineer, Approved Valuer (Plant and Machinery) and Licensed Surveyor;

 Class-I, Competent person recognized by the Director of Safety & Health, Government of

 Tamil Nadu . Minor project amount mobilized with less than 1.0 Lakh.

4. As per Integral Coach Factory ‘s letter number M/M & P/ WC/03/Safety Cert./GB Plant /12-13,

 dated 03/04/2013, Grit and shot blasting machines have been inspected and certified April 2013-

 July 2013 as a Competent person (Ventilation system) .

5. Examination and Certification of Hoists and Lifts equipped with M/S Simpson & Co. Ltd and Addison’s Paint & Chemicals Division, Sembium, Chennai-11. Issued certificate of stability for the buildings equipped with the Plant and Machineries for M/S Madras Fertilizers Ltd., MFL Letter Reference No. AOW/SL/06/2013, dated 17.6.2013.

6. Currently, seven DEBM learners are undergoing entrepreneurship and Business Development course of The EDI of India . www.debm@ediindia.com /(Recognized by University Grants Commission)

29 . Details of Participation Certificates and Appreciation Letters:

1. Participation certificate received for the research paper presentation entitled *“Solid Waste*

 *Minimization Hierarchy of Waste Management for Sustainable Development” in the* Twelfth

 Biennial Conference on Entrepreneurship (ISBN 978-93-80574-94-3) held during Febrarury

 22- 24, 2017 orgnized by Entrepreneurship Development Institute of India (EDII), Ahmedabad,

 Gujarat Organized by the (EDII) duly Publihsed by Bookwell, New Delhi,

 [www.ediindia.org/www.ediindia.ac.in](http://www.ediindia.org/www.ediindia.ac.in) ,PP.992-1004.

2. Participation received from by Mining Engineers’ Association of India , Rajasthan-Chapter-Jaipur

 in Assocation with Jodhpur, Udaipur and Delhi & Ahmedabad Chapters, for presentation of the

 research work entitled *“Strategic Environmental Assessment (SEA) Process for Sustainable*

 *Mining and Mineral Management Development*” and in publication in Souvenir and Proceedings of

 3 rd International Conference on Advanced Technology in Exploration and Exploitation of

 Minerals (AdvanceMineTech) held at Jaipur, Rajasthan during 20-22, January 2017 (Presented

 on 21 Jan 2017 12:00-13:30 session) organized pp. 40-53.www.advanceminetech.com

3. Participation certificate received for the research work presentation titeld *“Strategic Environmental*

 *Assessment (SEA) Process towards Sustainable Construction Management Development for the*

 *Indian Construction Industries To Achieve Business Excellence”* duly published in an Abstract

 Book of International Conference on Construction, Real Estate, Infrastructure and

 Management (ICCRIP) during 21-22, October 2016 at National Institute for Construction

 Management & Research (NICMAR), Pune, Maharashtra by Research & Publication Department

 of NICMAR, pp. 33-34.

4. Iyer, Vijayan Gurumurthy (2016). “*Environment and Quality Management for the Higher*

 *Education Institutions to Achieve Research and Academic Excellence*”. In Souvenir and

 Proceedings of 3 rd World Summit on Accreditation (WOSA 2016) theme Quality Assurance

 through Outcome Based Accreditation Organized by the National Board of Accreditation

 (NBA) during 18-20 March 2016 at Gurgaon (Delhi NCR) , Haryana , Proceedings Page Number

* 1. d Souvenir pp.105 & 177.

5. Participation certificate received from Entrepreneurship Development Institute of India,

 Ahmedabad, and Gujarat for publication of the paper titled “Sustainable Enterprise Creation Process

 towards Green Economy”. In Proceedings of the Eleventh Biennial Conference on Entrepreneurship

 (ISBN : 978-93-80574-76-9 (Volume-I), ISBN : 978-93-80574-77-6 (Volume-II) and

 ISBN: 978-93-80574-78-3 (Set) held during 18-20 February 2015 organized by Entrepreneurship

 Development Institute of India, Ahmedabad, Gujarat , published by Bookwell, Delhi-110 009 page

 number 1393-1405 (13 pages) pp.1432.

6. Certificate of participation received for paper presentation entitled “Sustainable Enterprise

 Creation Process Towards Economic development of Ethiopia” in Ethiopian Institute of

 Technology, Mekelle University, Ethiopia and inclusion in Abstracts book of the First National

 Research Conference in Technology Transfer held during August 8-9, 2014 , Ethiopia, Mekelle,

 PP 10-11 .

7. Certificate of participation received for paper presentation “Importance of Total Quality

 Management (TQM) in an Education Sector and Its Implementation Framework Towards

 Sustainable National Development” at the International Conference on Quality education jointly

 Organized by Haramaya University, College of Education and Behavioral Science and Higher

 Education Relevance and Quality Agency during 4 th – 5 th April 2014 held at Resource Center,

 Haramaya University, Ethiopia.

8. Certificate of participation received for two paper presentations entitled “Unsafe Chromium

 from Cotton Ginneries In Ethiopia And Development of a Rubberized Cotton Fabric Roller For

 Cotton Roller Gins”, and “Toxic Tanning Without Environmental and Safety Protection in

 Unsafe Chromium Leather Tanneries In Ethiopia” in the two day national Symposium on

 Science , technology, Innovation for National Development (STIND) organized by Wollega

 University during march 21-22 , 2014 at main Campus , Nekempte, Ethiopia .

9. Certificate of participation for paper presentation entitled “Toxic Tanning in Leather Tanneries Without Protection and Occurrence of Occupational Accidents” and inclusion in Abstract book of the 28 th Indian Engineering Congress (IEC), 2013 , Technical Paper Session/Colloquium of Environmental Engineering on 21.12.2013) of Theme: “Engineering Advancements and Accelerated Nation Building Organized by the Institution of Engineers (India) Hosted by Tamil Nadu State Centre at Hotel The Leela Palace, Chennai during December 20-22 , 2013.

10.Certificate of Participation for paper presentation entitled “The Sustainable Entrepreneurial Process to Starting an Enterprise from Scratch - Guidelines to Set up a Sustainable Enterprise” and in Abstract book of the 28 th Indian Engineering Congress (IEC), 2013 , Technical Paper Session/Colloquium of Interdisciplinary Engineering on 22.12.2013) of Theme: “Engineering Advancements and Accelerated Nation Building Organized by the Institution of Engineers (India) Hosted by Tamil Nadu State Centre at Hotel The Leela Palace, Chennai during December 20-22 , 2013.

11.Certificate of Participation for paper presentation entitled “Some Practical Hints on Occupational Safety and Health Compliance Requirements in Industries” and in Proceedings of Safety Conference 2013 , Safety in Infrastructure Sector , 19-20 July 2013 Venue IE(I) Auditorium, Organized by the Institution of Engineers (India) , Tamil Nadu State Centre , 19 Swami Sivanadanda Salai, Chepauk, Chennai-5 .

12. Certificate of Participation for paper presentation entitled “Toxic Tanning without Protection” and in proceedings of All India Seminar on Occupational Hazards in Process Industry : Safety in Design and Operation, Organized by the Institution of Engineers (I) , Tamil Nadu State Centre, Chennai, June 13-14, 2013.

13. Iyer, Vijayan Gurumurthy. “ Some Practical Hints on Sustainable Entrepreneurial Process ”, In Proceedings of Second FEIAP Convention and International Conference entitled “ Engineering Initiatives for Sustainable Development Integrating Innovation and Ethics”, Federation of Engineering Institutions of Asia and Pacific (FEIAP) organized by The Institution of Engineers (India) and hosted by Andhra Pradesh State Centre , May, 8 -11, 2013, pp.177-185.

14.Participation certificate received from Entrepreneurship Development Institute, Chennai (EDI) and Entrepreneurship Development Cell (EDC), Chennai of R.V.S. Padhmavathy College of Engineering & Technology for organizing an entrepreneurship awareness camp(EAC) from 3 October, 2013-5 th October, 2013. The inauguration of EDCell and EAC were organized on 03.10.2013. The Programme was a DST-NIMAT Project that was sponsored by National Science & Technology Entrepreneurship Development Board/Department of Science & Technology.

15.Cambridge certificate for Outstanding Educational Achievement was awarded in absentia during 2012 World Forum at St.Catherine’s College, Oxford. Outstanding professional achievement.

16.As per open advisement AICTE/RID/9 (2)/2006 , (ii) My RID proposal dated 07.10.2006 entitled “Entrepreneurship Development Scheme (EDC)” and (iii) AICTE F.No. : 8024/RID-14/2006-07, date 28/11/2006, EDC was approved by AICTE to Dr.MGR Educational & Research Institute, Periyar EVR High Road, Maduravoyal, Chennai-600 095, Tamil Nadu in which Dr.Vijayan Gurumurthy Iyer was the Chief Co-ordinator during the duration of three years with effect from 28.11.2006 to 28.11.2009. Received project acceptance letter references, 1. AICTE F.No.:8024/RID-14/2006-07, date 28/11/2006 , 2. AICTE F.No.RIFD/RTI/01/Asst.Dir./2012, dated 21.02.2012 received on 07.04.2012 .

18. Participation certificate received from the Organizers of VI National Teachers’ Science Congress

 2011 for participation and presentation of paper titled*,* ,*“ Monitoring and Measurement*

 *Opportunities of Food Contaminants through Process Approach”,* during November 8-11, 2011,

 Venue; Benares Hindu University, Uttar Pradesh.

19. Participation certificate received from the Organizers of 81 st Annual Session of The National

 Academy of Sciences, India (NASI) in the National Symposium on Sustainable Management of

 Biodiversity Using Science and Technology for participation and presentation of paper title*d,*

“Ecological Impact Assessment for Prediction and Assessment of Impacts on the Biological

 Environment” Abstract Index Number B167/2011 , during November 24-26, 2011 at University of

 Kerala, Thiruvanthapuram.

1. Participation certificate received from the Organizers of India Innovative Initiative –i3 Regional Fair (Southern Fair) , 2010 on 30 th September 2010 for presentation of the project titled” *Pollution-free Rubberized Cotton Fabric Washer/Roller for Cotton Roller Gins”,* during 29 th -30 th September, 2010 at Chennai which was organized by Confederation of Indian Industry.
2. Participation certificate received from the Organizers of 5 th National Teachers’ Science Congress-2009 for participation and presentation of paper titled *“Some Case Studies of Environmental Impact Assessment of the Hazardous Industries and Need of Clean technology Applications in these Process Industries” ,* during 1-4, October, 2009 theme“ Understanding Planet Earth” at Regional Institute of Education, Bhubaneswar.
3. Invitation letter received for presentation of his paper *“Some Innovative Practices on Quantity and Quality of Engineering Education and Research*”, from the organizers of the VII th International conference on Challenges in Higher Education and Research in the 21 st Century, English Language Faculty of Engineering , Technical University of Sofia , held in Recreation Hotel, Sozopol, Bulgaria, during 2-5 June, 2009, <http://elfe.tu-sofia.bg/cher21/program_2009.doc>.
4. First International Conference on Managing Social and Environmental Consequences of Coal Mining in India was held during 19-21 November, 2007 and a participation certificate along with memento was received on 21 st November, 2007 for presenting his paper “*Correct Practices and Guidelines for Applying Occupational Safety and Health Standards in Coal Mining Industries”,* at India International Centre, New Delhi . This international conference was organized by Indian School of Mines University in association with University of South Wales and Australian National University.
5. Certificate of participation received from the Aqua Foundation, New Delhi for presenting his paper *“Unsafe Chromium and its Environmental Impact Assessment”, in*  the First World Aqua Congress, held during 28-30 November, 2007 at India Habitat Centre, New Delhi organized by the Aqua Foundation.
6. Participation certificate received from the organizers of World Congress on Urban Infrastructure in Developing Countries for presenting his paper in Vigyan Bhawan, New Delhi, organized by the Institution of Engineers (India) under aegis of World Federation of Engineering Organizations (WFEO) during 12-14-November 2007.
7. A certificate for participation received from the organizers of Indian Society of Agricultural Engineers (ISAE) for presenting his paper “Properties of Gin Roller Covering Materials for Cotton Double Roller Gins” in the 42nd Indian Society of Agricultural Engineers (ISAE) Convention and Symposium, Technical Session Theme : Processing, Dairy and Engineering-II; Sub-Theme: Agro Industrial and Agricultural Storage Structures , February 02,2008 at 1:30 PM, Central Institute of Agricultural Engineering (ICAR), Bhopal, February 01-03, 2008, pp. 9.
8. Fourth National Teacher’s Science Conference -2007 , a programme of RVPSP, DST,& NCSTC-Network has appreciated his participation in the conference having national focal theme entitled “ Environmental Education for Better Life” and his technical paper presentation at Rajiv Gandhi Navodaya Vidyala, Dehradun on 23 September, 2007.
9. He participated and presented his technical paper at the All India Seminar on Achieving Business Excellence through Total Quality Management held at Chennai on 21-22 April, 2006, organized by the Safety and Quality Forum (SQF) of the Institution of Engineers (India) Tamil Nadu State Centre.
10. Participation certificate received from TFSC and Entrepreneurship Development Cell (EDC), Chennai for organizing an entrepreneurship development course in Dr.MGR University, Chennai during 15-16 th October, 2007.
11. Participation certificate received from Entrepreneurship Development Institute, Chennai (EDI) and Entrepreneurship Development Cell (EDC), Chennai for organizing an entrepreneurship awareness seminar in Dr.MGR University, Chennai during 13 October, 2007 -5 October, 2007 . Attended Faculty Development Programme on Entrepreneurship at Entrepreneurship Development Institute of India, Ahmedabad during 18-25 June 2007.
12. Certificate for Organizing three day Entrepreneurship Awareness Seminar conducted during 3-5 May 2007 at Dr.M.G.R. University , Chennai.
13. Participation certificate received from “Sustainable Energy Environment” SEE-2006, dated 22.11.2006 at Bangkok, Thailand. Member of SEE Forum , Kyoto U. on forum of New Energy initiatives.
14. Certificate of appreciation received for the presentation of a plenary lecture delivered in Athens, Greece, July 11-13, 2006 dated 13 July 2006 from the organizers of WSEAS International Conference on Energy, Environment, Eco-Systems, Sustainable Development.(EEESD’06) .
15. Certificate of appreciation received for the presentation of a plenary lecture delivered in Athens, Greece, July 11-13, 2006 dated 13 July 2006 from the organizers of third WSEAS International Conference on Engineering Education.
16. Invitation received from the Energy Field of Study, School of Environment, Resources and Development, Asian Institute of Technology, Thailand to present two papers in oral presentations of the International Conference on Energy for Sustainable Development: Prospects and Issues for Asia at AIT, Phuket, Thailand during 1-3 March , 2006.
17. Certificate of Achievement of Service as a Visiting Professor-ISTE during year 2004-2005 from Indian Society for Technical Education (ISTE) for discharging duties most satisfactorily in providing technical, research and development guidance and support to the technical institutions in Tamil Nadu (2005).
18. Professional Engineer (India); Certificate number PE 0710 valid up to 31 August, 2010 issued by the Institution of Engineers (India) on 9 August, 2005.
19. Chartered Engineer (India) certificate number 014040/ FIE: 110329-5 dated 28 June,2005 issued by the Institution of Engineers (India).
20. Professional Engineer of Engineering Council of India (ECI), P.Eng.(ECI), Registration PE/01406/16, Date of Conferement 29 th day of October 2016 (Registration valid for 5 years) in Civil Engineering with specialization in Air & Water Environmental Engineering.
21. Empanelment as an Arbitrator in the Panel of Arbitrators prepared by Institution of Engineers (I) as per arbitration act reference SDG/SECTT/631/Panel dated 16 Feb, 2006.
22. Certificate of Approved Valuer (Machinery and Plant) F: 9446; issued by Institution of Valuers (India) on 14 th May 2005. State Bank of India Approved Valuer for Palnt and machineries.
23. Class-I Licensing of Surveyor (L.S) number 225 ; renewed and issued by Corporation of Chennai for the year 2013-2014.
24. Participation certificate received for attendance in a one-day seminar on “Institutional development and excellence” conducted by National Institute of Technical Teachers Training and Research (NITTTR) on 28 June, 2005 .
25. Certificate of attendance and participation received from the organizers of World Engineers’ Convention (WEC) –2004 for both oral paper and poster presentations held at Shanghai, China, 2-6 November (Chair, WEC Program Committee), 2004.
26. A special invitation received from China Association for Science and Technology (CAST) to participate in World Engineers’ Convention (WEC)-2004 during 2-6 November, 2004 organized by World Federation of Engineering Organizations (WFEO)-UNESCO for Oral paper and Poster presentations (2004).
27. Certificate of participation received from the committee of World Congress on Natural Disaster Mitigation, for conference presentation held at New Delhi, during 19-21 February, 2004 Organized by WFEO and Institution of Engineers (I) (2004).
28. An invitation received from HELECO 2005 scientific committee of technical chamber of Greece for poster presentation of paper in the Fifth International Exhibition and Conference on Environment Technology held in Athens, Greece during 2-6 February 2005. <http://library.tee.gr/digital/m2045/m2045-iyer.pdf>.
29. Participation certificate was received for presentation of an innovative research and extension educational paper in the National Seminar on Innovative Practices and Experiments in School / Teacher Education – An all India competition held during 14 April to 17 April, Organized by the Department of Teacher Education and Extension (DTEE) at the National Institute of Education (NIE), National Council of Educational Research and Training (NCERT), New Delhi (2003).
30. Participation certificate received from Entrepreneurship Development Institute (EDI), Chennai for organizing an entrepreneurial awareness Programme in Hindustan College of Engineering at Padur, Chennai during 8-10 July 2002.
31. Submission certificate of Ph.D. degree thesis entitled “Environmental effects of chrome rollers used by cotton roller ginning industries and design and development of an eco-friendly alternative” was received from Indian School of Mines, Dhanbad on 14 Sept. 2001.
32. Diploma of membership from Institution of Valuers duly elected as Fellow F: 9446 (Category Machinery and Plant) of Institution of Valuers (India) on 28 th June,2000.
33. Participation certificate received from the Committee of World Congress on Sustainable Development, Kolkata During Jan 20-23,2000 for the work done and oral presentation of a paper entitled “Unsafe Chromium Contamination & Pollution from Cotton Ginning Industries”.
34. Certificate of submission of M.Tech. Dissertation work done on the topic entitled “Studies on environmental and health effects of chrome composite leather-clad rollers commonly used by cotton roller ginning factories and development of a pollution-free rubberized cotton fabric roller” received from Indian School of Mines, Dhanbad on 31 st December (1997).
35. Certificate received from NSS – Indian School of Mines University, ISMU, Dhanbad for participation in poster presentation and work done for environmental protection (1996).
36. Appreciation certificate received from Central Institute for Research on Cotton Technology (CIRCOT) for participation in the Fifteenth all India scientific and technical essay competition and publication work done of a technical article written in Hindi (1995).
37. Certificate of participation received for oral presentation in the fifteenth all India scientific and technical essay competition and work done for a technical publication in Hindi which has been instituted by Kendriya Sachivalaya Hindi Parishad (1993).
38. Certificates received for passing in Hindi Probodh and Praveen examinations conducted by Hindi teaching scheme, Delhi (1990).
39. Certificates received for passing the computer programming courses held during July-Sep, 1986 in FORTRAN language and August-October, 1987 in BASIC conducted by Maulana Azad College of Tech.(MACT)/ National Institute of Tech. , Bhopal (1987 and 1986).
40. Certificate of Participation received from National Design and Research Forum (NDRF) of Institution of Engineers (India) during the year 1986 for an All India Mechanical Engineering design competition.
41. Certificate of merit received from the Tamil Nadu Graduate Teachers’ Association Thanjavur District for both in Tamil and English languages (1979).

30. Guide for M.S., DEBM (Diploma in Entrepreneurship and Business Management) Detailed Project Reports (DPRs) projects / Ph.D. degrees and Other Research Supervisions:

1. Main Researcher of International Authority for the Advancement of Science and Applications of Technology (IAASAT) recognized by the World Scientific and Engineering Academy and Society.

2. Anna University-Chennai Center for Research (Research Supervisors’ List) recognizes as a

 Research Supervisor for guiding Ph.D. and M.S. Scholars of registered in the area of Environmental Science and Engineering, Civil Engineering Reference ID number 02.111.04; and ID number 02.112.01 for Mechanical Engineering ; [www.annauniv.edu/research/super.htm](http://www.annauniv.edu/research/super.htm).

 Faculty Identification Number: 5348.

3. Dr.M.G.R. University –Chennai has recognized as a Research Supervisor for guiding Ph.D. and

 M.S. (By Research) Scholars registered in Faculty of Engineering & Technology.

4. Vels University-Vels Institute for Science, Technology and Advanced Studies -Chennai has

 Recognized as a Research Supervisor for guiding Ph.D. (By Research) Scholars registered in

 Faculty of Environmental Science and Engineering (Ref.79).

5. Saint Peter’s University has recognized as Research Supervisor for guiding Ph.D.( By Research)

 Scholars registered in the field of Civil and Mechanical Engineering (Ref.SP ES ET 046).

6. Fifteen DEBM Learners Detailed Project reports have been guided and evaluated and submitted

 report to Entrepreneurship Development Inst. of India (EDII) and recommended for the award of

 Diploma since Jan 2009 in eighteen (18) batches ) ,http://debm.ediindia.ac.in/counselors/80410

7. Twelve AMIE Project reports have been guided to AMIE Sec. B in Mech. Engg. For Institution, of

 Engineers (I) as referee for students.

31. Ongoing Training Courses and Refresher Courses Conducted;

1. Counselor and Co-Ordinator of Diploma in Entrepreneurship and Business Management

 (DEBM)/Open learning Programme on Business Entrepreneurship (Recognized by UGC) (Course

 One Year) Conducted by Entrepreneurship Development Institute of India, The EDI of India

 Ahmedabad,

 <http://debm.ediindia.ac.in> ; Agency code: 80410, Password: 80410 conducted by EDII.

 So far, 51 learners/ entrepreneurs including three women entrepreneurs have registered for the

 on-line OLPE/DEBM programme with

 Entrepreneurship Development Institute of India and fifteen (15) learners have been declared

 Pass. At present ten learners have been undergoing DEBM Course.

 DEBM course offered by The EDI of India EDII has been recognized by the UGC, AICTE , and

 DEC of IGNOU January, April, July and October batches.

2. Conducted Entrepreneurship Development Programmes; One Week; 6 programmes

 during 2001-2009;

3. Conducted More than 100 short term training and development programmes were organized in the

 field of Cotton Ginning Technology during the service rendered at Central Institute for Research

 on Cotton Technology (India Council of Agricultural Research ), CIRCOT, Mumbai service period

 1989-1997. Eighteen batches of the DEBM Programmes /Open Learning Programme on Business

 Entrepreneurship (OLPE) during Jan 20009 to till date on the theme “Entrepreneurship

 Development”.

32. Details of Service / Training/ Short-Term Assignment /Employment in The Field Specialization;

1.Served as Principal in Kumaran Institute of Technology, Nandiambakkam , Chennai-601 203,

 College cod e : 1134 and AU Counseling code : 1143 with effect from 20.03.2015 to 01.04.2015.

2. Served as Principal and Chief Superintendent in R.V.S. Padhmavathy College of Engineering &

 Technology (1141) and Faculty ID : 19855 ( College Code 1141) (also codes 1118/139) with effect

 from 17.09.2014 to 11.01.2014.

3. Served as Principal in Madha Institute of Engineering & Technology (MIET) , Madha Group of

 Institutions; Institution Code: 2112, Password: M1@t2ii2wef. 23.07.2013 to 02.08.2013.

 Served as Professor in the Department of Civil Engineering of Madha Engineering College,

 Kundrathur, Chennai as per the Order No.MEC/ESTB/2013/03-July, dated 03.07.2013 with effect

 from 08.07.20113 and posted as Dean of Civil Engineering as per MIET circular

 No.007/2013-1014 , dated 15.07.2013.

4. P.T.Lee Chengalvaraya Naicker College of Engineering and Technology, Oavery,

 Kanchipuram District as Principal with effect from 27.12.2004 to 28.04.2005.

5. Arunai Engineering College, Tiruvannamalai as Professor 23.12.2004 to 30.12.2004.

6.PMR Institute of Tech., Adayalampattu, Chennai as Principal 14.12.2004 to 21.12.2004.

7.Worked as Professor in Rajalakshmi Engg. College, Thandalam wef. 21.04.2003 to 28.02.2004.

8.LCR College of Engineering and Technology, Kanchipadi as Principal with effect from

 6.5.2004-15.08.2004 reference letter number LCR/P-593/2004 dated 17.11.2004.

9.N.M.Institute of Engineering & Technology., Bhubaneswar, (N.M.Lok Kalyan Trust) as

 Principal with effect from 27.3.2004 to 5.04.2004 and Reference No. NM/ch/001/04.

10.Maruthi Institute of Engineering and Technology, Kollivakam, Kachipuram District as

 Principal with effect from 31.12.2002-20.04.2003.

11.Tagore Engineering College, HOD-Mechanical Engineering with effect from

 17.10. 2002 to 30.10.2002.

12.Saint Peter’s Engg. College, Avadi with effect from 2.9.2000 to 2.10.2000 as Lecturer in Mech.

13.Central Pollution Control Board, Shahadara, Delhi-32, reference letter C-20015/18/99-Admn. (R) /1272, dated 27.4.2000 as Assistant Environmental Engineer with effect from 26.04.2000 to 03.07.2000 in the pay scale of 8000-275-13500/- .

14. Anjalai Ammal Mahalingam Engineering College. Kovilvenni with effect from 13.2.1999 to

 28.12.1999 as Lecturer in Mechanical Engineering.

15. Office of the Controller of Milk Transport, Greater Bombay Milk Scheme, Worli, Mumbai

 Reference letter ID number CBMS/MT-9/1991/1918 date 7.04.1992, Implant training undergone

 With effect from 8.8.1991 to 7.4.1992 (185 days).

16. TVS Sundaram Motors Ltd., 180, Mount Road, Madras-600 006 , Ref: PRL /1138/82 , dated

 28.4.1982 implant training undergone with effect from 2.12.1981 to 1.1.1982.

33. Other Significant Academic Contributions

1. Participated in AICTE Expert Committee (EVC) visit on ragging matter undertaken to

 Techno India, Salt Lake, Kolkatta on 20.11.2015 .

2. Participated in 5-Member AICTE Expert Committee (EVC) visit for verification of inspection to

 SIES Graduate School of Technology promoted by The South Indian Educational Society,

 SIES School of Management, C/O Shri Chandrasekarendra Saraswathi Vidyapuram, Sector-V,

 Nerul, Navi Mumbai on 25 March , 2015.

 Participated in 5-Member AICTE Expert Committee (EVC) visit for verification inspection to

 Datta Meghe College of Engineering by Nagar Yuwak Shikshan Sanstha Airoli, Navi Mumbai on

 25.03.2015.

3. Participated in AICTE Expert Committee (EVC) visit undertaken to Aklia Educational and

 Research Society of Institutions Bathinda, Punjab on 7.7.2013 .

4. Participated in AICTE Expert Committee (EVC) visit to Government Polytechnic College

 Nawashehar, Punjab on 29.07.2013, Sant Baba Prem Singh Memorial Government Polytechnic,

 Begowal, Punjab and Shri Guru Hargobind Sahib Government polytechnic, Ranwan Fategarh on

 30.7.2013.

5. Participated in AICTE Expert Committee (EVC) surprise visit to Matoshri College of Engineering

 & Research Centre, Nashik, Yeola, Eklahare on 14 th March 2015.

6. Ratification as Professor in Environmental Science by Jawaharlal Nehru Technological University,

 Kakinada on 17.11.2015 (Ratified as Professor in Narasaraopet Engineering College, Narararoapet,

 Guntur District, Andhra Pradesh.

7. Advisory board member of RNB Global University, Bikaner, Rajasthan.

8 Member of AICTE Expert Committee (EVC) to the institutions offering technical programmes B.E.//B.Tech. / Diploma . Attended EVC on 1.7.2013, 29.7.2013 and 30.07.2013.

 on 1.07.2013 Aklia Education & Research Society Group of Institutions, Bathinda has been inspected. On 29.7.2013, Government Polytechnic College, Nawashehar, and 30.07.2013 Sant Baba Prem Singh Memorial Polytechnic College, Begowal has been inspected, Shri Guru Hargobind Sahib Government Polytechnic College , Fatehgarh, Ranwan has been inspected for approval. Video recording of the visit available for the above four institutions. Visited Nashik and Mumbai five college during March 2015 towards Surprise visit of EVC. Four colleges have been inspected during March 2015 at Maharashtra .

9. Appointment of Chief Superintendent, Anna University Chennai-Zone- I of College Code : 1118 -November –December 2013 January 2014 Examination for R.V.S.Padhmavathy College of Engineering and R.V.S. Padhmavathy School of Architecture , Ref. A.U. Letter number 150/ COE /C20/2013 , dated 22.11.2013 .

10. Presented Annual Report for the academic year 2011-2012 of 4116-Prince Dr.K.Vasudevan

 College of Engineering and Technology during the annual day on 29 th February 2012 at 9.30 am ; The Occasion of College day Celebrations.

11. Appointment of Chief Superintendent, Anna University, Chennai, (College Code : 4116)-April-May 2012 Examinations reference letter No. 456/COE/C20/2012 , dated 17.4.2012.

 Appointment letter for external examiner for practical examinations-April/May 2012 .

12. Appointment of Chief Superintendent, Anna University, Chennai, (College Code : 4116)-April-May 2012 Examinations reference letter No. 11011/COE/C20/2012 , dated 03.11.2012 .

 Appointment letter for Chief Superintendent -November/December, 2012 & January 2013.

13. Eligibility Certificate for employment as a Faculty in Environmental Science and Engineering

 Department (Faculty of Civil Engineering) Order received from Anna University of Technology Chennai reference letter No. AUTC/DAC/6 th–EC/Eligibility Order/ Q1/21/2011, dated 25.01.2012.

14.Eligibility Certificate as Principal (Prince Dr.K. Vasudevan College of Engineering & Technology)

 College code No. 6449) from Anna University of Technology Chennai letter reference No. AUTC/DAC/Eligibility Details / 2011, dated 27.12.2011.

15. Chief Superintendent, Anna University of Technology, Chennai, (College code : 6449)

 Lr.No. AUTC/N1/CS/14968/2011, dated 6.6.2011 , June 2011 examination.

16. Chief Superintendent, Anna University, Chennai ,

 Lr.No. 11858/COE/C20/C30/2010 dated 8.4.2011 for April/May 2011 examinations.

17.Chief Superintendent, Anna University, Chennai.(College code 449)

 Lr.No. 6930 /C20/C30/2011 dated 24.10.2011 for November /December 2011 examinations.

18.Attended Central valuation confidential work and Pre-evaluation Board meetings of University of Madras, Anna University and Bharathidasan University; As Examiner, Chief Examiner and Chairman: Board Member of Evaluation, Examination Boards of Institution of Engineers (India) (2002,2003,2004 , 2005 and 2011).

19. Chief Superintendent of Anna University Examinations-2011.

20.Member listed in AICTE-ISTE directories as Principal and Professor (Environmental

 Science and Engineering) .

21. Chief Coordinator of Project of Entrepreneurship Development Cell (EDC) , Dr.MGR

 University of All India Council for Technical Education. Acceptance and completion report

 has been received from AICTE.

22.. Counselor and Co-ordinator of Open Learning Program in Business Entrepreneurship,

 (OPLE) conducted by Entrepreneurship Development Institute of India . Ten students have

 successfully completed the course.

23. Licensing of Surveyor, Class-I No.225/2013-2014, Corporation of Chennai.

24. Examiner of Bharathidasan University, University of Madras and Anna University

25.Examiner, Project Guide and Referee of Institution of Engineers (India): Section ‘A’ and ‘B’ Examinations: So far twenty projects have been guided for students of A.M.I.E.course.

26. Question paper-Setter-Shanmugha Art, Science & Research Academy (SHASRA)-S.P. No.13.

27. Board Member- Syllabi Committee of Civil Engg., Dr.M.G.R. University during 2006-2007.

28. Advisor- Engineering college students’ Chapter of Institution of Engineers (India).

29. Projects Guided more than 35 students for A.M.I.E., B.E., M.E., M.Tech. M.Phil., Ph.D.

30. Member of “Sustainable Energy Environment SEE-2006 Forum’ Kyoto, Japan on New

 Energy Initiatives (2006) .

31. Enlistee as Member of Directory of Mining Engineers Association of India , Hyderabad,

 Golden Jubilee year in the year 2006-2007in page number 478 /LM- 2520.

32. Competent Person -Recognized by the Director of Safety & Health, Govt. of Tamil Nadu .

Under sub rule (3) of Rules 2A of the Tamil Nadu Factories Rules 1950 was issued a fresh certificate is valid from 18.10.2013 to 17.10.2014 from Office of the Director, Industrial Safety & Health, Royapettah, Chennai -14, dated 18.10.2014 , Reference H1/18738/2013.

34. Given Below a List of Students’ Projects Guided

1. Energy Conservation in Dairy Industry, I.E.(I), 10 November 1999.

2. Analyzing Advantages of Newly Invented Electronic Fuel Injection System in Petrol Cars-

 Introduced by Maruti Company, I.E.(I), 31 August , 2000.

3. Design and Local Manufacturing of Rig for Preservation of Russian Origin AI-20 M Engine

 Fitted on Aircraft II-38, I.E.(I), 22 October 1999.

4. Design and Fabrication of Static Wheel Balancer, D.M.E., 1981-1982.

5. Garage Practice and Garage Administration, P.D. Auto. VJTI, 1991-1992.

6. Vibration Study on Industrial AVON Engines, H.E.C., B.Tech (Aero), 2002.

7. New Generation Alcoholic Engine with Waste Heat Recovery Boiler, HEC, 2003.

8. SQC for Finding IC Engine Connecting Rod Defects, I.E.(I), 2003.

9. Optimum Time Study and Design of an Instrument TKET Model, I.E.(I), 2003.

10.PIC Based Wireless Data Communication And Device Control, I.E.(I), March 2005.

11.Design Of Enclosure For Base Station Distributor In Cordect (An Advanced Wireless

 System) Using AutoCAD 2000 And Pro Engineer 2000 I2 Software, I.E.(I), 14 Feb. 2002.

12. Construction And Earth Moving Machinery Industry In Building Infrastructure Of Indian

 Major Players And Technological Advance, 15 August, I.E.(I), 2003.

13. Design of True Centrifugal Casting Machine. , I.E.(I), 2004.

14. Design and Fabrication of Crank and Slotted Lever Mechanism Test Rig, I.E.(I), 2005.

15. Design and Development of Catalytic Converter for two wheelers, MNMJEC ,2006.

16. Design Modifications of Existing Bolt Making Machine at TVS Fasteners, HEC , 2006.

17. Study of Twist Drill Manufacturing Technology , I.E.(I) , 2007.

18. Solar Powered Waste Water Disinfection Polishing Lagoons, Dr.M.G.R.Univ. 2007.

19. Plumbing Work in Multistoried Buildings, B.Tech. Project, Dr.M.G.R. University, 2007

20. Waste Water Treatment For Recycling, B.Tech., Part-Time (Civil) Project, Dr.M.G.R.U. 2008

21. Waste Water Treatment Dev. Using Eco Bio-Construction Materials, Dr.M.G.R.U., 2008.

22. Tunnel Form Work- An Innovative Construction Practice, Dr.M.G.R.U.,2008.

23. Development of a Floating Building, Dr.MGR. U., 2009.

24. Study of Automated Robot Welding System, Inst. of Engineers(I) , 2015.

25. Literature Survey of Environment Friendly Technologies for Converting Ocean Energy ,

 IE(I),2016.

26.Study of e.waste Management , Jawaharlal Nehru Technological University ,B.Tech.-March 2016 .

27. Study of Septic Tank for Sustainable Rural and Urban sanitation. Jawaharlal Nehru Technological

 University, B.Tect., Project, March 2016 .

28. Fifteen DEBM Learners detailed Project Report (DPRs) /Bankable Projects have been guided for

 the EDI of India, 2016.

29.Literature Survey on Sustainable and Environmental Friendly Technologies to Convert Ocean

 Energy, A.M.I.E. Project ST 545431-5 , Inst of Engineers (India) dated 14.01.2016 .

30.Design and Development of Pile And Pier Foundation Across The Hagari River Bed Based On Soil

 Strata, B.Tech. Civil Engg. 2016-2017, Narasaraopeta Engg. College, JNTU-K

31.Seismic Design and Analysis of Multi-storey steel building, B.Tech. Civil Engg. 2016-2017 ,

 Narasaraopeta Engg. College, JNTU-K.

32.Fluoride analysis of ground water in Palnadu Region of Guntur Dist., in Andhra Pradesh and

 Integration with Geographical Information System. B.Tech. Civil Engg. 2016-2017 ,

 Narasaraopeta Engg. College, JNTU-K.

35. Distinctions, Awards and Certificates of Excellence Received;

1. Dr.Radhakrishnan Gold Medal Award has been conferred during the National Unity Conference at

 Bangalore Organized by the Global Economic Progress and Research Association (GEPRA) on

 15 th October 2016 in absentia as per reference;

 GEPRA/TVM/TamilNadu/283/2010 dated 27 th August 2016 .

2. Best Citizen of India Gold Medal Award 2016 has been conferred during the National Unity

 Conference at Bangalore Organized by the Global Economic Progress and Research Association

 (GEPRA) on 26.01.2016 in absentia as per reference: -

 GEPRA/TVM/Tamil Nadu/283/2010 dated 20 th December 2015 .

2. Bharat Seva Ratan Gold Medal Award has been conferred during the National Unity Conference

 Organized by the Global Economic Progress and Research Association (GEPRA) on 26.12.2015 in

 absentia as per reference

 GEPRA/TVM/Tamil Nadu/283/2010 dated 2 nd December 2015 .

3. Global Society for Health & Educational Growth (GSHEG) has awarded him Bharat Shiksha Ratan

 Award on 18 Feb. 2010.

4. Mahatma Gandhi Gold Medal Award has been conferred during the Global Economic Progress and

 Research Association (GEPRA) on 02.10.2014 in absentia as per reference

 GEPRA/TVM/Tamil Nadu/283/2010 dated 6 th September 2014 .

5. Research Professorship (ResProf) award by International Biographical Centre, Cambridge, England

6. Reviewed Biography through Marquis Online Update system for inclusion in the following books :

 Who’s Who in the World -2016 and Who’s Who in Science and Engineering -2016-2017.

7. Honorary Doctor of Letters, HonDL was awarded by leading institutions through merit from

 International Biographical Centre of Cambridge, England as per IBC letter reference HonDL/rev ,

 dated 30 th August, 2013 and accepted reference letter 8/3.9/HonDL/rev. dated

 12.9.2013 and 11.11.2013.

8.“Cambridge Certificate”, The Hall of Fame by International Biographical Centre.

9. Intellectual of the year 2012 by American Biographical Institute.

10.American Order of Merit Gold Medal for India 2012 by American Biographical Institute

11. Definitive Professional Reference Book for Professional Accomplishments -2012, International

 Dictionary of Professionals published by American Biographical Institute

12.International Engineer of the Year 2012 awarded by International Biographical Centre,

 Cambridge.

13.International Educator of the Year 2012 awarded by International Biographical Centre, Cambridge.

14.International Biographical Centre Man of the Year 2012 .

15 The Society for Human Resource Management, Alexandria (SHRM 2012)’ s Competency

 Validation Survey has been completed.

16.IBC’s ‘ 2000 Outstanding Intellectuals of the 21 st Century Suite of Diploma

17.IBC’s 2000 Outstanding Intellectuals of the 21 st Century Medal of Intellect

18.Member of IBC’s Top 100 Engineers 2012

19.Selected for the Dedication of biographical book “International Profiles of Accomplished

 Leaders” 2011.

20. Inducted into the ABI’s ‘Professional Hall of Fame ‘ for Career Integrity and

 Accomplishments in my field “Environmental Science and Engineering”-2011.

21. American biographical Institute- Board of International Research has nominated for 2011 Man of

 the Year.

22. The Seat of Wisdom-A reverence to Intellect -2010 Man of the Year Medal An Official

 Document Man of the Year for 2010 for honoring Community Service and Professional

 Achievements; Awarded by the Board of International Research, American Biographical Institute.

23.ABI’s nomination for inclusion in the Great Minds of the 21 st Century and Consulting Editor

 as Pinnacle of Achievement Award -2010 –American Biographical Institute, USA

24. Gold Medal for India -2010 –American Biographical Institute, USA.

25. Chartered Member of the Leading Intellectuals of the World, American Biographical

 Institute, Inc .

26. “Man of the Year representing India- 2010 ”for Outstanding Contributions to India as

 Recognized by the American Biographical Institute, North Carolina

27.“Man of the Year in Education 2010 “ for outstanding pursuits and achievements in the field

 of Education , the 21 st Century visionary award by the American Biographical Institute

 for dedication and excellence.

28. Bharat Shiksha Ratan Award, 2009 from Delhi based Global Society for Health &

 Educational Growth, Delhi.

29.“International Peace Prize” by the United Cultural Convention, Office of the

 General-In-Residence, USA. ABI’s World Medal Freedom has been awarded during 2010.

30. Certificate of Competency issued by Chief Inspectorate of Factories, No.H1/35719/08.

 Government of Tamil Nadu, Royapettah, Chennai-5, for the purpose of carrying out examinations and certification of Hoists or/ and Lifts, Lifting machines and Lifting Tackles, Thermal fluid Heater (Coil), Safety Belts, Power presses, Conveyors, Ventilation Systems in a factory located in the Tamil Nadu State under Sections 28, 29, 21 (2), 87 of the Factories Act, 1948 and Rule 53 of the Tamil Nadu Factories Rules 1950 , Certificate valid from 24.09.2009 to 23.09.2010.

31.American Order of Merit for Professional Achievements 2009, ABI.

32.Great Minds of the 21 st Century, Hall of Fame , 2009 , American Biographical Institute,

33. Bharat Jyothi, 2008 from India International Friendship Society, Delhi

34.Who’s Who of International Professional, 2008-2009, Washington, USA .

35.2006 Nomination for Indira Gandhi Paryavaran Praskar-2008 has been short listed.

36.The Yorker International University, Firenze, Italy has awarded the Honorary Doctorate in

 Engineering on June 29 th , 2008 at Via Ghibellina 110 Firenze, Italy.

37.Honored as Deputy Director General of International Biographical Centre (IBC), Cambridge

38.Global Year of Learning-2007 ; The Plato Award-2007; by International Biographical Centre

39.Own biography got published in “ IBC’s The Cambridge Blue Book of Foremost International Engineer 2008”.

40.American Biographical Institute , Inc. ,USA published own biography in “Great Minds of the

 21 st Century”.

41. American Biographical Institute, Inc. ,USA awarded for 2009 Men of the Year , India

42. ABI , Inc. ,USA , published own biography in “500 Great Leaders”, Honors Edition , 2009.

43.Own biographical profile published in the 34 th Edition of Dictionary of International Biography (D.I.B.) – A flagship publication by International Biographical Centre, Cambridge.

44.Fellowship of All Indian Management Association was conferred during 12 th AIMA Convocation on 4.8.2007 at Stein Auditorium , India Habitat Centre, New Delhi, in recognition of achievement as Professional Manager 14. International Engineer of the Year-2007 award by International Biographical Centre, England.

45.Diploma for me, as an accepted Honouree Rendition of ‘Da Vinci’s Vitruvian Man” for inclusion as 2000 Outstanding Intellectuals of the 21 st Century, 2007 and Da Vinci Diamond -2015 published by International Biographical Centre, Cambridge, Great Britain.

 Diploma for me, as an accepted Honoree Rendition of ‘King’s College, Cambridge ” for inclusion as 2000 Outstanding Intellectuals of the 21 st Century, 2007 published by International Biographical Centre, Cambridge, Great Britain.

46.Diploma for me, as an accepted Honorees Rendition of ‘Pi (π) for inclusion as 2000 Outstanding Intellectuals of the 21 st Century, 2007 published by International Biographical Centre, Cambridge, Great Britain.

47.Outstanding Intellectual of the 21 st Century Diploma, award and medal were received from International Biographical Centre (IBC) , Cambridge, England documented as a biographee in “2000 Outstanding intellectuals of the 21 st century”. Published by Melrose Press Ltd. 2007.

48. Leading Engineers of the World -2007 Medal and Certificate received from ,IBC, Cambridge

49.Cambridge Blue Book Diploma has been received from IBC, Cambridge, England

46.Outstanding educators of the world wide-2007 medal and certificate award by IBC.

50.Distinction certificate received for own biographical profile published in the 25 th Silver Anniversary edition of (2008) by the publication Board of Marquis Who’s Who in the World.

51. Distinction certificate received for the biographical profile published in the first (2007) edition by the publications board of Marquis Who’s Who in Asia.

52.*Sutrusuzhal Seyal Vera* Award 2004-2005; Government of Tamil Nadu- Department of Environment (DOE), Rs.5000/- BEST RESEARCH ESSAY received for the Environmental Research Publication in the year 2004. This is the ‘Best research essay publication award’ received for environmental protection from Department of Environment at O/o Tamil Nadu Pollution Control Board(TNPCB), Chennai on 8 June 2005 during the World Environment Day, <http://www.environment> tn.nic.in / Essay Awards.

53. Special education award received from Director, NCERT, New Delhi for own meritorious efforts work done in School and Teacher Education under the Programme All India Competition on Innovative Experimentation and Practices (2002-2003) organized by the Department of Teacher Education and Extension (DTEE) at the National Institute of Education (NIE), National Council of Educational Research and Training (NCERT), New Delhi (2003).

54. Indian Society for Technical Education (ISTE) Visiting Professor award received during academic year 2004-2005. A Certificate of Achievement of Service issued for discharging duties most satisfactorily in providing technical, research and development guidance and support to the Technical institutions in Tamil Nadu (2005).

56. Rashtriya Gaurav award received during the year 2004. This has been instituted by India

 International Friendship Society (IIFS).

57. Bharat Jyothi Award received during the year 2000 for outstanding services, achievements and engineering contributions.

58. Rashtriya Ratna Award received during the year 2001 and 2010 ,

 This has been Instituted by India-International Society for Unity .

59.’Hindi’Appreciation certificate received from Central Institute for Research on Cotton Technology(CIRCOT) for participation in the Fifteenth All India Scientific and Technical Essay Competition and publication work done of a technical article written in Hindi (1995).

60.Certificate of participation and Annual Hindi Language Cell Award received for oral presentation of own Hindi technical paper on ginning development and own publication during the fifteenth all India Scientific and Technical Essay Competition and work done for a technical publication in Hindi which has been instituted by Kendriya Sachivalaya Hindi Parishad (1993).

61. ASDF Global Award-2015 , Nominated for Best Professor reference number ASDF15GA1729, [www.asdfglobalawards.com](http://www.asdfglobalawards.com) as on 30 th December 2015. ASDF (Association of Scientists, Developers and Faculties award) .

62. Dictionary of international biography (DIB) 39 th edition. A biographical record of contemporary

 Achievement.

 IBC confers the citatiom of excellence in Environmental Sceince and Engineering for an

 outstanding accomplishment and professional excellence.

1. Citation of meritorious achievement,
2. Pictorial testimonial of achievement and distinction.

 (iii)The decree of merit (Noble decree (An “ Honoris Causa ” award) for exceptional merit in the

 Field of sustainable development trughout the World.

36. International Exposures as given Under: Visited countries like China, Singapore, Thailand, Greece, Ethiopia (East Africa) , Germany. Passport Number: Renewed Passport Number L6189175; Date of issue: 18.11.2013, Date of expiry: 17.11.2023 ; Temporary Residence Permit ID. No. TI0177382, Date of Issue: 24 Jan 2014 and Date of Expiry : 21 st Feb., 2015. Issuing Authority, Federal Democratic Republic of Ethiopia (FDRE), Addis Ababa, Ethiopia, Harar Zone. Renewed Temporary residential permit No. TI0211131 date of issue 06 Feb 2015 and date of expiry is 17 Jan 2016.

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| --- | --- | --- | --- | --- |
| Place, Country  | Purpose/ Subject/Titled  | Year  | Duration  | Sponsorship  |
| Shanghai, ChinaAthens, GreeceBangkok, ThailandHaramaya, FDREEthiopia  | World Engineers’ ConventionTechnical Paper Presentation WSEAS International Conf.Technical Paper Presentation Sustainable Dev. International Conference Technical Paper Professor (Environmental Science & Engineering) of Alemaya University(Harar)  | 2004 200620072014  | 31.10.2004- 07.11.2004 10.7.2006- 13.7.2006 19.11.2006-24.11.2006 Jan 2014 as an Expatriate Faculty  | UNESCO/WFEOParis WSEAS, Greece King Mongut University Alemaya University Professor |

37.(a) Unique Identification Authority of India

 Aadhaar Number : 6871 8531 4697

 (b) Election Commission of India Identity card : UXV1745322

 (c ) Income Tax PAN : AIZPG9735D

 (d) Service Tax Registration number : CER/Chennai-II/936/STC

 (e) Professor / Faculty ID number : 5348 of Anna University, Chennai

 (f) Haramaya University Contract Employee ID Number: 11910

38. Employment Exchange Registration Number : 3024/88, Date of Registration 15.6.1988

 Registered in the Office of District Employment and Training, Bhopal, Madhya Pradesh.

39. Languages Known : Tamil, English and Hindi (Passed Praveen examinations).

40. Extra Curricular Activities : Reader , Writer and Speaker .

 Peace Education and Research ,

 Vedic Research and Education, Music ,

 Spiritual Education and Research; Provisional certificate of

 Honorary Doctorate award of Doctor of Divinity

 (DD) -The Yorker International University, D.Litt.-IBC .

41. Name and Full Addresses of References:

 1. Mr.Brijesh Dave,

 Manager, DEBM,

 Entrepreneurship Development Institute of India,

 Near Village Bhat, Via Ahmedabad Airport & Indira Bridge,

 PO Bhat-382 428 , Dist. : Gandhi nagar, Gujarat,

 Tel.: +91-79-23969153, 23969158, 23969159, 23969161,Telefax: +91-79-23969164

 e.mails: olpe@ediindia.org,ediindiaad1@sancharnet.in, info@ediindia.org

 2. Er.Shirish R.Shah, Partner of M/S Bhaidas Cursondas and Company,

 16, Mumbai Samachar Marg, Fort, Bombay-1.

 E-mail: shirish.bombay@gmail.com, Mobile: 09819299271, Ph. No.022-22041207 .

 3. Prof.Dr.Chemeda Fininsa ,

 Professor and Vice President for Academic Affairs,

 Haramaya University,

 P.O.Box No. 138, Dire Dawa, Haramaya, Ethiopia, East Africa .

 e.mail: haramaya@haramaya.edu.et http://www.haramaya.edu.et

Phone Numbers: 0251 255 5303, 25, 31 . Mobile; +251930074572 .

 4. Sri.Gurumurthy Subramaniam Retired Chief Superintendent,

 Post and Telegraphs, Government of India,

 Flat Number 104, Jeevan Vihar,

 Ram Mandir Cross Road,

 Bhayander(West), Thana District , Maharashtra , Pin code; 401101

 Phone Numbers: +9167372323,09833518105 .

42. Teaching Given below Name of the Courses Taught (Theory and Practice)

 Design of Course Curriculum, Innovations in Teaching Methods, and as Research Advisor

1. Environmental Science and Engineering, 2. Industrial Safety and Pollution Control,

3. Cotton Ginning Technology, 4. Total Quality Management, 5. Water Supply Engineering,

6. Wastewater Treatment Engineering, 7. Entrepreneurship Development, 8. Project

 Formulation and Appraisal, 9. Internal Combustion Engineering,

10. Engineering Economics and Financial Accounting

11. Machine Tool Engineering, 12. Thermal Engineering , 13. Principles of Environmental

 Engineering, 14. Remote Sensing and Geographical Information System, 15. Automobile

 Engineering, 16. Fluid Mechanics and Machinery Laboratory, 17.Industrial Waste

 Management; 18. Open Learning Program on Entrepreneurship/ Diploma in Entrepreneurship and

 Business Management (DEBM), 19.Engineering Materials and Metallurgy, 20. Engineering

 Graphics , 21. Technical English, 22. Solid and Hazardous Waste Management (European

 Credit System (3 Cr.hr.) , 23. Engineering Economics (ECTS 2 Cr.hr./ 3 Cp.) .

 24. Environmental Engineering-I , 25. Environmental Engineering -II

 26. Entrepreneurship and Business Management 27. Air Pollution and Control,

 28. Environmental Pollution and Control, 29. Environmental Impact Assessment and Management .

CERTIFICATE

 Certified that all information given in the bio-data is true to the best of my knowledge and belief.

Place: Narasaraopet,AP



Signature of the Applicant

**Curriculum Vitae;Prof.Dr.Vijayan Gurumurthy Iyer,Ph.D., PDF(Elab.), HonDL, LL.D.,D.Sc.(Engg.)**

**Dr.Vijayan Gurumurthy Iyer** passed Section ‘A’ and ‘B’ examinations of Institution of Engineers (India) in the years 1986 and 1990 respectively after passing three years Diploma in Mechanical Engineering from Ramakrishna Mission Technical Institute , Chennai during 1979-1982. He has got additional technical qualifications such as (i) Diploma in Production Management from Annamalai University in 1988 , (ii) Post Diploma in Automobile Engineering from Victoria Jubilee Technical Institute, Mumbai in 1992. He obtained his Master’s and Ph.D. degrees in Environmental Science and Engineering from Indian School of Mines, Dhanbad in the year 1997 and 2003 respectively. He has published more than 210 High Impact Factor SCI publications (154 International and 61 National) that included 41 papers in refereed international journals (21 International and 20 National) , 87 book chapters in text/reference books with ISSN/ISBN (82 International and 5 National) , 3 text/reference e.books published by international publishers , 70 number of published books of conference proceedings (46 International and 25 National), five number of other journals and technical magazines and five plenary lectures in international conferences with ISSN/ISBN. There are more than 500 research citation indices to his credits. Total number of published Citations are more than 2000 and Indexes both International (406) and National (48 ) Level including JCI and CPCI and 448 citation indexes with the ratio of citation indexes to the total number of publications is 2.13 with h.index 40. He was also a Post-Doctoral Researcher (2006) (2010) in World Scientific and Engineering Academy and Society (WSEAS), Athens, Greece. He has elaborated post doctoral research in WSEAS with effect from 1-9-2009 to 30-6-2010 as Main Researcher for Research Projects in areas of “Ecosystems and Ecology ” with 34 publications in WSEAS conferences and 11 publications in Journals and Chapters of Books in WSEAS. The Yorker International University, Italy has awarded him with the Honorary Doctorate of Science and Engineering on 29 th November, 2010 and as Honorary Doctorate of Laws, LL.D. on 3 rd May, 2011 respectively. He has received Hon.Doctor of Letters, DL. and Hon.M.A. from International Biographical Centre during 2014 and 2017 and Master Diploma with honours(2012) from World Academy of Letters of American Biographical Institute. He has got about 34 years of professional experience in research, teaching, consultancies, industrial company services. Out of which ten years at the level of Professor and five years as Principal and Dean . His professional career was started in the year 1982 in Indo-Matsushita Carbon Co. Ltd., Tada as a Plant Supervisor. Later, he has joined in Indian Council of Agricultural Research (I.C.A.R.) Service at Central Institute of Agricultural Engineering, Bhopal on 22 nd May, 1985 and relieved from I.C.A.R. Service at Central Institute for Research on Cotton Technology (I.C.A.R.) on 10 th February 1998. Then, he has served in seven higher educational institutions such as Hindustan University, Maruthi Institute of Engineering and Technology, Rajalakshmi Engineering College, L.C.R.College of Engineering and Technology, P.T.Lee Chengalvaraya College of Engineering and Technology, M.N.M. Jain Engineering College as Professor and Principal . Served in Dr.M.G.R. Educational and Research Institute University, Chennai with effect from 30 th May 2006 to 19 th August 2010 as Professor and Chief Co-ordinator (EDC) of All India Council for Technical Education (AICTE) project and AICTE Expert Visiting Committee Member (EVC). Presently serving as Professor and Dean ( R &D) in Narasaraopeta Engineering College which is affiliated to Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh. He has served as Principal in Prince Dr.K.Vasudevan College of Engineering and Technology , Ponmar, Chennai with effect from 12 th November 2010 to 16.04.2013. Has served as Professor Environmental Science & Engineering) in Institute of Technology, Haramaya University, Ethiopia, East Africa from 17.01.2014 to 10.02.2015 . He has elaborated his research as main researcher by publishing 18 reserch papers in context to Ethiopia . He is advisory board member of RNB Global University, Bikaner. He has organized thrity two training / refreshers courses. Has completed thirteen research projects and consultancies. He has received so fifty five participation certificates including letters of appreciation for recognitions. He has elaborated his post doctorate research (PDR) in WSEAS from 01st, September, 2009 to June 30 th, 2010 under the supervision of Prof. Nikos Mastorakis. Also a research supervisor of Anna University, St.Peter’s University (Ref.SP ES ET 046) , Vel’s University (Ref.79) and Dr.M.G.R. University for guiding M.S. and Ph.D. degrees. Academic Performance Index score is 1668.5 points. Counselor and Co-ordinator of EDI for Diploma in Entrepreneurship and Business Management (OLPE) course conducted by Entrepreneurship Development Institute of India (EDI) and fifteen numbe of students have been awarded DEBM. Has been an expert visiting committee (EVC) member of AICTE. Competent Person under the Factries Act 1947 for examining and certification machineries. Government Registered Valuer (P & M) registered with Chief Commissioner of Income Tax (CCIT) Register number 753. He is Class-I Licensed Surveyor registered with Corporation of Chennai. Has guided more than 30 projects. Reviewer and member of board of more than twenty international and national journals and conference proceeding and reviewed more than twenty manuscripts published by the editorial Board Member of Scholarly and Academic Research Journal of Engineering, Editorial Board member of Journal of Environmental and Waste management (JEWM), International Journal of Modern Electronics and Communication Engineering, Journal of Geological resources of Engineering, WSEAS Proceedings and Transactions, Reviewer of ASABE journals, JMEIT, African Environmental journals, Bioinfo.etc.. Has fellowships from seven socities and twelve organizational life memberships.1. Fellow of Institution of Engineers (India) Grade- FIE(I), F-110329/2 , Chartered Engineer (India) , C.Eng. (I), Professional Engineer of Engineering Council of India (ECI) , P.Eng. in Civil Engineering with Specialization in Air & Water Environmental Engineering (Registration number PE/01406/16, dated 29 th October 2016 Registration Valid for 5 years and Arbitrator. 2.Fellow of Institution of Valuers (India) Approved Valuer , Grade- FIV, F-9446, 3.Fellow of Textile Association, FTA, F-3556 , 4.Fellow of All India Management Association, F-200620434, 5.FMMA, 6 . Fellow of Mining Engineers’ Association of India, FMEA, LM-2520, 7. Fellow of International Society for Research and Development, FISRD, F3140900135. Memberships in Societies are: 1. American Chemical Society, ACS Member number 30137476 (PIN 20327) 2. Indian Society of Agricultural Engineers, MISAE, 2.Life Member of Indian Society for Technical Education, LM-35358, 4. Aeronautical Society of India , M-15503 , 5.Member of Bioinformatics Institute of India , MBII, L-1244, 8. Member of Indian Society for Training and Development, 9.Member of International Biographical Centre (IBC)-England- Research Council ID number; Q0703. Biographical Reference Books as 1. Marquis Who’s Who in Asia (USA)– First Edition, 2007 & Second Edition (2011) , 2. Marquis Who’s Who in the World , 2008 /2012– 25 th Edition/ 29 th Edition, 30 th Edition & 2016,.3. Marquis Who’s Who in Science & Engineering, 2011-12, Eleventh Edition/2016-2017 , Marquis Who’s was Who in America, 2008\_2017. Dictionary of International Biography (DIB) 2008 -34th Ed. by Melrose Press Ltd. IBC, 35 th Edition DIB 2010 IBC– October 2010 , DIB-2011 .6. 2000 Outstanding intellectuals of the 21 st Century-2007/2015 by Melrose Press Ltd.. 7. Great Minds of the 21 st Century, 2010 Edition, American Biographical Institute (ABI). Traveled to China, Greece, Germany, East Africa, Saudi Arabia, Ethiopia, Singapore & Thailand. Recipient of several honors and awards more than thirty five including recognitions, certificates of appreciation , Kendriya Sachivalaya Hindi Parishad-1988, Bharat Jyothi-2000, Mahatma Gandhi Gold Medal Award 2014 , by GEPRA on 2.10.2014 Prominent citizens of India and Best Citizen of India-2001/2016 -GEBRA, Rashtriya Ratna-2001, NCERT Special Education Award-2003 , Bharat Shiksha Ratna Award by GSHEG on 18 Feb. 2010 , Rashtriya Gaurav Award-2004/10, Tamil Nadu Government Best Research Essay Award-2005, 2000 Outstanding Intellectual of 21 st Century Award, Leading Engineers of the World-2007, IBC Outstanding educators worldwide-2007. Honors Da Vinci Diamond-2015, International Engineer of the year-2007 and IBC’s foremost International Engineer Award 2008. IBC has honored ResProf & DDG ‘Hall of Fame’ of American biographical Institute-2009, Hall of American Order of Merit for Prof. Achievements, 2009. “International Peace Prize” by the United Cultural Convention, ABI Awardee entitled “Approved Chartered Member of the Leading Intellectuals of the World” and Pinnacle of Achievement Award. Intellectual of the Year-2009 besides 2010 Man of the Year in Education and 2010 Man of the Year India, World Medal Freedom and Pinnacle Award and The Seat of Wisdom –A Reverence to Intellect, “Man of the Year for 2010 & 2011”, The 2011 Man of the Year Distinction, for honoring community services and professional achievements and The 21 st Century Visionary Award. Induction in to the ABI’s Professional Hall of Fame. Has been appointed as DDG for Asia and HonProf.Edu by IBC. Has been awarded as International Educator of the Year 2012 and International Engineer of the Year 2012, Cambridge Certificate-2012 and 2015.