CURRICULUM VITAE OF DR.J.VIVEKAVARDHAN

M.Tech, M.Sc, M.Ed., M.Lib.I.Sc., Ph.D



Department of Library and Information Science OSMANIA UNIVERSITY HYDERABAD, TELANGANA STATE INDIA

CURRICULUM VITAE

Name : Dr.J.VIVEKAVARDHAN

Father's Name: : J. Mallappa

Present Designation: Assistant Professor (Sr-Grade)

Department of Library and Information Science, University College of Arts and Social Sciences,

Osmania University, Hyderabad, Telangana State, 500 007. India.

E-Mail:vivekavardhan@osmania.ac.in

Nationality : Indian

Marital Status : Married

Academic Qualification: M.Tech., (CSE) M.Sc., (App. Electronics), M.Ed., M.L.I.Sc. Ph.D

Qualified-UGC-NET-(Lib. Sci) Dec-2019 & SLET-July-1997

Research Degree : Ph.D. Osmania University awarded on 08-07-2015

Ph.D Topic : "A Study on Web Search Engines with Particular Reference to

Information Retrieval Features"

Areas of Interest: Web Search Engines, Information Technology, Digital Libraries

Current Address: Department of Library and Information Science, University College

of Arts and Social Sciences, Osmania University, Hyderabad 500007

PUBLICATIONS: International /National Journals/Conferences/Training Programmes

				Extension	Refresher
Journal	Conferences	Books	Book	Lectures	Training
publications	publications	Published	Chapters	Delivered	Programmes
					Attended
23	40	2	6	153	24
	publications	publications publications	publications publications Published	publications publications Published Chapters	Journal publicationsConferences publicationsBooks PublishedBook ChaptersLectures Delivered



TEACHING AND ADMINISTRATIVE EXPERIENCE

Teaching and Administrative Experience: 22 years

Presently working as a Head of the Department, Chairman Board of Studies from 30.04.2024 to till to date in the Department of Library & Information Science, Osmania University, Hyderabad.

- ➤ Ph.Ds Awarded under my Supervision -5, Ready to submit: 2 ongoing:4
- ➤ Member in Raja Ram Mohan Roy Library foundation, Kolkata, Ministry of Culture, Government of India.
- Selection Committee Member for the post of Deputy Librarian and Assistant Librarian Posts in Central University Kerala.
- ➤ Paper setter, moderator, evaluator of various posts like, Librarian, Library Assistant, Professional Assistant posts of various Universities in India.
- Teaching B.L.I.Sc., M.L.I.Sc., and Ph.D course work.
- Teaching B.L.I.Sc, Ambedkar Open University counselor since 2013.
- ➤ Chairman Board of Studies, Department of Library and Information Science, Osmania University, Hyderabad from 25-09-2017 to 04-07-2022
- ➤ Recognised Ph.D Supervisor, DLISc.OU, Dean Social Sciences Lr.No.DSS/28/2017, Dated: 04-01-2017.
- Additional Co-ordinator, Examination cell, Arts College, OU 2016-17 (one year)
- ➤ Co-ordinator, Examination cell, Arts College, OU 2017-18 (one year)
- ➤ Additional/Asst. Controller, of PG and Ph.D Exams, Office of the Controller of Examination, Osmania University, Hyderabad from 21-03-2019
- ➤ Chairman Board of Studies, Library Science, Telangana University, from 01-01-2019 to 2022(Proc.Rc.No.06/15/Estt.REG/TU/NZB/2019, Dated: 05-01-2019.
- Resource Person to Various UGC-HRDC like, HCU, MANUU, JNTU,OU, UGC HRDC Mysore, SVU Tirupathi, etc. in India
- ➤ Member Board of Studies, DLISc, Osmania University from the year 2013-2015 Lr.No.836/BOS/A/Acad-I/2013, Dt.12-06-2013.
- External Member Board of Studies, DLISc, Kakatiya University. From 02-06-2018 to 01-06-2020 (Two Years) Registrar Lr.No. 765/B3/KU/2018, Dt.02-06-2018.
- ➤ PGECET-2014 as a Observer at JNTU Kukatpally, Hyderabad on 27-05-2014 Convener –PGECET Lr.No.20/OU/2014 Dated: 19th May, 2014.
- > Telangana State Eligibility Test, Special Observer at Karimnagar on 30-05-2017
- ➤ Attended Confidential work Telangana State Public Service Commission on 06-04-2018 and 07-04-2018.
- ➤ Osmania University Teachers Association, Arts College President, Principal. Lr.No.3014/PP/UCA&SS/OU/2020, Dated: 30-12.2019.
- ➤ Osmania University, Script Coding Officer, Controller of Examination Lr.No.OC2/B.Com.Annual 2017, Dated: 02-06-2017.

- ➤ Key Note Speaker, Two day State Level Workshop on Library Automation Software, New Gen Lib, & Digital Library Software on D-Space during 29th and 30th January 2018 at SRR Government Arts & Science College, Karimnagar.
- ➤ Chief Guest and Keynote Speaker One day state level seminar on "Emerging Information Communication Technology in Teaching, Learning and Research in Higher Educational Institutions" on 31-03-2018 at Government Degree and PG College, Siddipet, Telangana State.
- ➤ Delivered an invited talk on Resource Discovery Tools: Search Engines and Meta Search Engines for Academic Excellence at 5th National Conference on Management of Modern Libraries, Manipal Academy of Higher Education on 4th February 2023.
- ➤ Chaired a Session and Presented a Paper in the International Conference on Academic Libraries, ICAL-2023, organized by Delhi University Library System, University of Delhi, Delhi during April5-8, 2023.
- ➤ Delivered an invited talk on "Future of Libraries in a changing Digital World" at G-20 Library summit held at Central University of Pondicherry, Pondicherry during 7-9th February 2024.

BOOKS PUBLICATION:

- 1. Search Engines and Meta Search Engines great search for knowledge: Published Lambart Publication, Germany, ISBN Number: 978-620-0-26115-1,2019. Pg.293
- 2. Manual of Library and Information Science- UGC-NET/JRF/SET, Published by J. Vivekavardhan, ISBN Number: 978-81-928490-0-3, 2022. Pg.372

PAPERS PUBLISHED IN INTERNATIONAL AND NATIONAL JOURNALS

INTERNATIONAL JOURNALS

- 1. **Vivekavardhan,** J. Search Engines for Information Retrieval: A Comparative study of Google, Yahoo, Altavista, Bing, Lycos, International Journal of Innovations and Advancement in Computer Science, March, 2018. ISSN 2347-8616.
- 2. Vivekavardhan, J Emerging Trends in Cloud Computing New wave of Libraries Innovations and Research Direction, International Journal of Innovations and Advancement in Computer Science, January 2018. ISSN 2347-8616
- 3. **Vivekavardhan**, J Emerging Trends and Technologies in Big Data Analytics: Applications in Libraries, International Journal of Engineering Technology Science and Research, September, 2017, ISSN 2394-3386
- 4. **Vivekavardhan, J** "Search Engines for User Centric Information Retrieval and Scholarly Communication" Cloud Publications, International Journal of Advanced Library and Information Science, 2015, volume3, Special issue pp.201-211, Article ID Sci-402, ISSN 2348-5167.

- 5. **Vivekavardhan, J.** "Mobile Apps for 21st Century Librarians", International Multilingual Research Journal, Issue-10, vol-4, April-June 2015, ISSN- 2319 9318 (Pg.No. 25-31).
- 6. **Vivekavardhan, J.**and Revathi, N. "Emerging Trends in Digital Information Management and Digital File Formats: An Overview, International Journal of Innovative Research in Science, Engineering and Technology, Vol.3, Special Issue 6, December, 2014. Impact Factor 1.682. ISSN Online 2319-8573, ISSN (Print) 2347-6710 Pg.No.8-12
- 7. **Vivekavardhan, J.** Chandrashekar Rao, V "Search Engines and Meta Search Engines for Information Retrieval on Internet: an overview, International Multilingual Research Journal, Issue-08, vol-7, October –December 2014, ISSN- 2319 9318 (Pg. No. 72-77)
- 8. Ramesh, P. and **Vivekavardhan**, **J**"Towards Social Semantic Digital Libraries: An Overview", Parishodhan Global Research Journal, April-June 2013 vol.2 No.2, ISSN-2278-1536. (Pg.No.13-26)
- 9. **Vivekavardhan, J** and Chakravarthy, A.S "Overview on internet and web search engines: an osmania university research scholars perspective", Thailand, Asia Pacific Journal of Library and Information Science. Vol.3, No.2 (Jul –Dec 2013).(pg.1-9)
- 10. **Vivekavardhan, J** and Ramesh, P. "Perspectives on Cloud Computing in Library and Information Centers", The International Journal of Social Science Research, October-December 2013 Vol.1 No.4, ISSN 2320-6284. (Pg.Nos.104-111).
- 11. Krishna Reddy, G., and **Vivekavardhan J,** "Study of Library Security Systems used in Government College Libraries in Erstwhile, Karimnagar, International Journal of Creative Research Thoughts, 2021 IJCRT | Volume 9, Issue 12 December 2021 | ISSN: 2320-2882 (Pg.Nos. 662 to 673)
- 12. Ketavath Lakpathi, and **Vivekavardhan J,** "A study on Impact of e-resources and usage of social media with particular reference to Osmania University Research Scholars", PERL, A journal of Library and Information Science, Indian Journals.com Vol.14.No.4 October –December 2020 (Pg.Nos. 349-356)
- 13. Rajeshwar Dodle, and **Vivekavardhan J,** "Mobile Apps Use Pattern By Engineering College Students of CMR Engineering College: Telangana State" International Journal of Creative Research Thoughts,2022 IJCRT | Volume 10, Issue 2 February 2022 | ISSN: 2320-2882
- 14. Rajeshwar Dodle, and **Vivekavardhan J**, "Use of Mobile Apps by the Engineering College Faculty and Students in Hyderabad: Telangana" International Journal of Advance and Applied Research, Vol.10 No.3 January February 2023,ISSN 2347-7075 Impact Factor 7.328,DOI 10.5281/zenodo.7714425.

- 15. Chadraharika, N., **Vivekavardhan, J.,** "Impact of Information Technology on Resource Sharing with special to NIRD and ICRISAT Libraries in Telangana" Journal of Research in Librarianship, Vo.10.No.2, 2023, ISSN-2393-8986 (Pg.Nos. 35-45)
- 16. Surender, T., **Vivekavardhan, J.**"An overview of Importance and Impact of Internet on Library Usage in University Libraries" Journal of Research in Librarianship, Vo.10.No.1, 2023, ISSN-2393-8986 (Pg.Nos. 39-49)
- 17. Vijay Kumar, M, **Vivekavardhan, J.** "A Study on Human Resource Management Practices: With Particular Reference to Library Science Professionals on Job Satisfaction in University Libraries", Journal of Research in Librarianship, Vo.9.No.6, 2022, ISSN-2393-8986 (Pg.Nos. 1-11)
- 18. Vidyasagar, K., Vivekavardhan, J."Use of Information Resources in select Government City College and Nizam College Libraries in Hyderabad" Journal of Research in Librarianship, Vo.10.No.3, 2023, ISSN-2393-8986 (Pg.Nos. 1-11)
- 19. Vidyasagar, K., **Vivekavardhan, J.** "An overview of Utilization of Information Resources Degree College Students" Journal of Research in Librarianship, Vo.1.No.9, 2022, ISSN-2393-8986 (Pg.Nos. 45-55).
- 20. Gattaiah Siliveri, **Vivekavardhan, J.** "Human Resource Development in Special Libraries: Challenges and its Effects" International Journal of Research and Analytical Reviews, IJRAR February 2023, Volume 10, Issue 1(E-ISSN 2348-1269, P- ISSN 2349-5138) (Pg.Nos. 571-576).
- 21. M.Deepthi Reddy, **Vivekavardhan J.** Unveiling Security Layers Information Security Issues in Select Engineering College Libraries of Telangana State International Journal of Creative Research Thoughts 2024 IJCRT Volume 12, Issue 5 May 2024 ISSN: 2320-2882 (Pg.Nos. i526-533).
- 22. **Vivekavardhan, J** and Gattaiah, S. "Human Resource Development Practices (HRD) with Particular Reference To Special Libraries In Telangana State" International Journal of Creative Research Thoughts 2024 IJCRT Volume 12, Issue 5 May 2024 ISSN: 2320-2882 (Pg.Nos. 991-996).
- 23. Bwsrang Basumatary, Nijwm Basumatary, **J. Vivekavardhan**, Manoj Kumar Verma "Tracing the footprints of scholarly influence in academia: a contextual smart citation analysis of highly cited articles using Scite", Global Knowledge, Memory and Communication ISSN: 2514-9342 published on 20-06-2024. (Emerald Publication) https://doi.org/10.1108/GKMC-12-2023-0500.

NATIONAL JOURNALS

1. Kethavath Lakpathi, **Vivekavardhan, J.** "Use Pattern of E-Resources by the Faculty Members of Engineering and Sciences of Osmania University, Hyderabad— A Study" Professional Journal of Library and Information Technology, Volume 10, No.2/20, July – December.2020 ISSN-0976-7274, RNI REGN. No.: UPENG/2010/37607

- 2. **Vivekavardhan, J.**Narender, A. Ramesh, P. "Overview on Right to Education (RTE) with particular Reference to Computer Aided Learning (CAL) programme in Telangana and Andhra Pradesh" Edutracks, March 2015, vol.14 No.7, ISSN: 0972-9844. (Pg.No.14-19)
- 3. Ramesh, P, **Vivekavardhan, J**, and Bharathi K. "Metadata Diversity, Interoperability and Resource Discovery Issues and Challenges, DESIDOC Journal of Library & Information Technology, Vol. 35, No. 3, May 2015, pp. 193-199 DOI: 10.14429/djlit.35.3.8074, 2015, DESIDOC.

CHAPTERS PUBLISHED IN INTERNATIONAL /NATIONAL BOOKS

- 1. **Vivekavardhan,J., A.S.Chakravarthy, Ramesh P.** Search Engines and Meta Search Engines Great Search for Knowledge: A Frame Work on Keyword Search for Information Retrieval, vol 3. Springer, July, 2019 https://doi.org/10.1007/978-3-030-24322-7_54 ISBN 978-3-030-24321-0 Pg.Nos. 435-443 (International Book Chapter)
- 2. Vivekavardhan, J. (2018). Search Engines and Meta Search Engines for Effective Information Retrieval and Scholarly Communication. In I. Management Association (Eds.), Information Retrieval and Management: Concepts, Methodologies, Tools, and Applications (pp. 1994-2008). IGI Global. http://doi:10.4018/978-1-5225-5191-1.ch089 ISBN 9781522551911(International Book Chapter)
- 3. **Vivekavardhan,J.**, Searching Bioinformatics Information Strategies for Effective Use of Search Engine, IGI Global.2018, Page Nos 169-176 DOI: 10.4018/978-1-5225-3158-6.ch 033(International Book Chapter)
- 4. **Vivekavardhan,J., Manojkumar Verma,** "Emerging Trends in Web Search Engines for Effective Information Retrieval on Internet, Shree Publishers and Distributors, New Delhi, 2016, ISBN: 978-81-8329-763-9 (Pg.Nos.15-23)
- 5. **Vivekavardhan, J.,** "Trends in Digital Information Management in Digital Era", Information Management Today and Tomorrow, Festschrift in Honour of Prof. S.Sudarshan Rao, B.R. Publishing Corporation, New Delhi, 2013. ISBN: 978-93-50501-14-6, (Pg. Nos. 59-66).
- 6. **Vivekavardhan, J.,** "An Overview of the Semantic Web Technologies for Digital Libraries", Libraries in the Information Age Festschrift in Honour of Sri Adluri Ravindra Chary, Published by Telugu University, Hyderabad, 2013, ISBN: 978-81-921167-4-7, (Pg. Nos. 353-359).
- 7. Vivekavardhan, J., "Simple Electric Circuits", Science Class VI, Published by The Government of Andhra Pradesh, Hyderabad. Pg. Nos. 113-122
- 8. **Vivekavardhan, J.,** "Electricity", Science Class VII, Published by The Government of Andhra Pradesh, Hyderabad. Pg. Nos. 63-72

RESEARCH GUIDANCE (Ph.D):

- 1. "A study on Use pattern and Impact of E-Resources by faculty members and Research Scholars in Osmania University" Ph.D awarded to Mr.Lakpathi Kethavat on 30-09-2021 by Osmania University.
- 2. "Library Security Systems in select libraries of Telangana A Study: Ph.D awarded to Mr. G.Krishna Reddy on 01-11-2022 by Osmania University.
- 3. "A study on Use and Impact of Mobile Applications in Engineering college Libraries in Telangana" Ph.D awarded to Mr.Dodle Rajeshwar on 21-10-2023 by Osmania University.
- 4. "Problems and Prospects of Digital Libraries of selected libraries in Telangana, India A. Study" Ph.D awarded to Mr.Lakavath Harilal on 16-11-2022 by Osmania University.
- 5. "A Study on Human Resource Management in the University Libraries in Telangana State in Digital era" Ph.D awarded to M.Vijay Kumar in July, 2023 by Osmania University.

RESEARCH PROJECTS:

1. Short term Empirical Research Project (collaborative) study entitled as "Impact of Kasturba Gandhi Balika Vidyalayas (KGBVs) in empowering school girls of Telangana: an exploratory study through aligning NEP 2020" study conducted as Project Director sanctioned by ICSSR, New Delhi an amount of Rs.13,00,000/- (principal investigator Dr.P.Shankar, Department of Education, Osmania University, Hyderabad.

LECTURES DELIVERED AT UGC-HRDC ACADEMIC STAFF COLLEGES:

- 1. Delivered a lecture in the **Refresher Course in Library and Information Science** on the topic "*Information Technology in Libraries: Development*" at UGC-Academic Staff College, Osmania University on 03-07-2012.
- 2. Delivered a lecture in the **Refresher Course in Library and Information Science** on the topic "Web Search Engines for Information Retrieval: Scholarly Communication" at UGC-Academic Staff College, Maulana Azad National Urdu University, Hyderabad on 18-08-2014.
- 3. Delivered a lecture in the **82nd Orientation Programme**on the topic "Web Searching: Scholarly Communication" at UGC-Academic Staff College, Osmania University on 30-12-2015
- 4. Delivered two lectures in the **Refresher Course in Library and Information Science** on the topics *1. Data Mining 2. Big Data and Libraries* at UGC-Academic Staff College, University of Hyderabad on 16-12-2017.

- 5. Delivered two lectures in the **49th Orientation Programme**on the topic "Search Engines and Meta Search Engines for Academic Excellency" at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 20-02-2018, (10AM to 1-15PM)
- 6. Delivered two lectures in the **50**th **Orientation Programme**on the topics *1. Search Engines for Academic Excellence 2. "Digital Libraries- E Resources for Information Retrieval* "at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 12-06-2018.
- 7. Delivered two lectures in the UGC Sponsored One Week Short Term Course on the topics *1. Search Engines for Academic Excellence 2. ICT and Electronic Resources* at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 2-08-2018.
- 8. Delivered two lectures in the 51st Orientation Programme on the topics 1. Search Engines for Academic Excellence 2. "Web Resources –Online Portals" at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 29-08-2018.
- 9. Delivered two lectures in the **52nd Orientation Programme** on the topics *1. Search Engines for Academic Excellence 2. "Web Portals –Online Resources"* at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 13-12-2018.
- 10. Delivered two lectures in the **53rd Orientation Programme** on the topics *1. Search Engines for Academic Excellence 2. "Digital Libraries"* at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 07-03-2019
- 11. Delivered two lectures in the **56th Orientation Programme** on the topics *1. Search Engines for Academic Excellence 2. "Digital Libraries"* at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 16-07-2019
- 12. Delivered two lectures in the UGC Sponsored **One Week Short Term Course** on the topics *1. Search Engines for Academic Excellence 2.Big Data in Education* at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad on 07.01.2019.
- 13. Delivered two lectures in **Refresher Course in Library and Information Science** on the topics *1. Search Engines for Academic Excellence 2.Big Data Analytics* at UGC-Academic Staff College, Sri Venkateshwara University on 11.12.2019.
- 14. Delivered a lecture in the **short term course** on the topic "*Retrieving Resources in Research*" at UGC-Academic Staff College, Osmania University on 20-02-2020.
- 15. Delivered two lectures in **Refresher Course in Library and Information Science** on the topics Creation of Website/Blog: A Hands on Practice, Social Media Platforms for

- teaching Learning: A Hands on Practice at UGC-HRDC Academic Staff College, University of Mysore on 10,11,2022.
- 16. Delivered two lectures in **Refresher Course in Library and Information Science** on the topics Creation of Website/Blog: A Hands on Practice, Social Media Platforms for teaching Learning: A Hands on Practice at UGC-HRDC Academic Staff College, University of Mysore on 10,11,2022.
- 17. Delivered two lectures in Online Faculty Induction Programme-9- on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 01-06-2022 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad.
- 18. Library Science Refresher Course, for Polytechnic and Degree College Faculty, two Lectures Delivered on Web Site Designing and Search Engines and Meta Search Engines for Academic Excellence on 16-7-2022 at Dr.B.R.Ambedkar Open University, Hyderabad.
- 19. Delivered two lectures in Online Faculty Induction Programme-10-on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 09-09-2022 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad.
- 20. Delivered two lectures in Online Faculty Induction Programme-11-on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 06-12-2022 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad
- 21. Delivered two lectures in Online Faculty Induction Programme-12- on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 22-02-2023 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad
- 22. Delivered two lectures in Online Faculty Induction Programme-13- on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 05-07-2023 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad
- 23. Delivered two lectures in Online Faculty Induction Programme on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 16-08-2023 at UGC-HRDC-JNTU, Academic Staff College, Hyderabad
- 24. Delivered a lecture in Online interaction Programme for Research scholars on Research Design on 9-03-2022 at UGC-HRDC-OU, Academic Staff College, Hyderabad.
- 25. Delivered two lectures in Online Faculty Induction Programme on Search engines and Meta search engines for Academic Excellence and Open Educational Tools for Research on 27-12-2022 at UGC-HRDC-OU, Academic Staff College, Hyderabad
- 26. Delivered two lectures in Online Faculty Induction Programme on Search engines and Meta search engines for Academic Excellence and Resources for Research on 04-01-2022 at UGC-HRDC-OU, Academic Staff College, Hyderabad

- 27. Delivered two lectures in Online Faculty Induction Programme on Search engines and Meta search engines for Academic Excellence and Resources for Research on 07-02-2022 at UGC-HRDC-OU, Academic Staff College, Hyderabad.
- 28. Resource person for Refresher course in library and information Science for Group Project seminar presentation Evaluation at UGC HRDC OU on 16-08-2022
- 29. Delivered two lectures in Online Faculty Induction Programme-10 on Search engines and Meta search engines for Academic Excellence and Resources for Research on 09-09-2022 at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 30. Delivered two lectures in Faculty Induction Programme on Open Educational Resources for Research on 26-09-2022 online at UGC-HRDC-OU Academic Staff College, Hyderabad.
- 31. Delivered two lectures on Social Media Platforms for teaching learning: A Hands on practice and creation of Web sites/Blog: A Hands on practice, in 26th Refresher course in Library and Information Science on 10-11-2022 online at UGC-HRDC-University of Mysore, Mysore.
- 32. Delivered two lectures in Faculty Induction Programme-11 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 06-12-2022 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 33. Delivered two lectures in Faculty Induction Programme-12 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 22-02-2023 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 34. Delivered two lectures in Faculty Induction Programme-15 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 23-02-2023 at UGC-HRDC-OU Academic Staff College, Hyderabad.
- 35. Delivered two lectures in Faculty Induction Programme-13 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 05-07-2023 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 36. Delivered two lectures in Faculty Induction Programme-14 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 16-08-2023 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 37. Delivered two lectures in 27th Refresher course in Library Science on Resource Discovery tools: Search Engines and Meta Search Engines for Academic Excellence and Web site Design on 09-09-2023 at UGC-HRDC University of Mysore, Mysore.

- 38. Delivered two lectures in One-Week Online Short Term Course on "Research Methodology" on Use of ICT in Research on 12-09-2023 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 39. Delivered two lectures in Faculty Induction Programme on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 21-09-2023 online at UGC-HRDC-OU Academic Staff College, Hyderabad.
- 40. Delivered two lectures in Faculty Induction Programme-15 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 22-11-2023 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.
- 41. Delivered two lectures in Ten Days Research Methodology course in social sciences on Types of Research: Historical, Analytical, Interdisciplinary and Evaluative research, Participative and Action Research Steps in the Process of Research-Selection of problem, Formulation and Planning on 18-03-2024 at Periyar University, Salem, Tamil Nadu.
- 42. Delivered two lectures in Faculty Induction Programme-16 on Open Educational tools for Research and Search engines and Meta search engines for Academic Excellence on 30-07-2024 online at UGC-HRDC-JNTU Academic Staff College, Hyderabad.

LECTURES DELIVERED IN UNIVERSITY DEPARTMENTS/ WORKSHOPS

- 1. Delivered a Lecture in a Two Day workshop on Research Methodology on the topic "Web Search Engines for Information Retrieval". On 28-01-2015 at Department of Commerce and Business Management, Osmania University.
- 2. Delivered a Lecture in the National workshop on Developing Digital Libraries Using DSpace 5.2 on the topic Digital Library concepts and Software; Open Source Software" on 06-02-2016 at University College for Women, Osmania University. Hyderabad.
- 3. Delivered a Lecture in a Three Day workshop on "Research in Social Sciences and Thesis Writing" on the topic "Search Engines, Data Sources, E-Resources, Social Tools etc. on 28-03-2018 at Department of Psychology, Osmania University.
- 4. Delivered a Lecture in a Three Day workshop on "Research Methodology in Commerce" on the topic "Search Engines and Meta Search Engines for Academic Excellence" on 07-12-2019 at Department of Commerce, Osmania University.
- 5. Invited lecture delivered on "Meta Search Engines & Hybrid Search Engines" on 06-01-2020 to the MLISc students at Kakatiya University, Warangal.
- 6. Extension Lectures Delivered on "Education Technology and Computer Education" from, 24-04-2014 to 11-05-2015 for B.Ed in-service teachers contact classes of Padmavathi Mahila Viswa Vidyalayam, at Institute of Advanced Studies in Education, Masab Tank, Hyderabad.

- 7. Extension Lectures Delivered on "Education Statistics and Computer Applications" from, 24-04-2014 to 11-05-2015 for B.Ed in-service teachers contact classes of Padmavathi Mahila Viswa Vidyalayam, at Institute of Advanced Studies in Education, Masab Tank, Hyderabad.
- 8. Extension Lectures Delivered on "Information Communication Technology in Education" from, 01-05-2016 to 15-05-2016 for B.Ed in-service teachers contact classes of Padmavathi Mahila Viswa Vidyalayam, at Institute of Advanced Studies in Education, Masab Tank, Hyderabad.

PAPERS PUBLISHED IN INTERNATIONAL/NATIONAL CONFERENCES

INTERNATIONAL CONFERENCES

- 1. **Vivekavardhan, J,** Chandrashekar Rao, V. Radhika Rani, B, Yadagiri, S."Search Engines for Information Retrieval: A Comparative Study of Google, Yahoo, AltaVista, Bing, Lycos", 60th ILA International Conference Proceedings, Organised by A.C.Joshi Library, Panjab University, Chandigarh, and Indian Library Association Delhi, 2015. ISBN: 81-85216-49-5, Pg.No. 738-745.
- 2. Vivekavardhan, J. and Radhika Rani, B. "Information Literacy for Knowledge Society: An Overview on Integration of Information Literacy in Library and Information Science course curriculum", *Proceedings of International Conference on the Convergence of Libraries, Archives and Museums: Innovative Ideas Technologies and Services, (ICLAM 2014)*. New Delhi: NIFT, IFLA and IGNCA Pragun Publications, 2014. New Delhi, ISBN: 978-93-8039-752-8. (Pg.Nos.401-407).
- 3. **Vivekavardhan, J.** Chandrashekar Rao, V, VishwaMohan V., "Dynamics of Web Search Engines for Efficient Information Retrieval on Internet", Proceedings of International Conference on Scholarly Communication and Knowledge Management in Higher Educational Institutions, Allied Publishers, New Delhi, 2014. ISBN: 978-81-8424-956-9 (Pg. Nos. 382-385).
- 4. **Vivekavardhan, J.** Chandrashekar Rao, V, "Use of Web Search Engines: A Study of Select Engineering College Students in Hyderabad" *Proceedings of International Conference on Sustainability of Digital Libraries (ICSDL-2014)* Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad. ISBN: 978-93-83635-33-7 (Pg. Nos. 494-502).
- 5. **Vivekavardhan, J,** Ramesh P, and Chakravarthy, A.S, "Use of Open Source Library Software: The librarians perspectives" *Proceedings of International Conference on Sustainability of Digital Libraries (ICSDL-2014)* Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad. ISBN: 978-93-83635-33-7 (Pg. Nos. 217-223).
- 6. Radhika Rani, B, **Vivekavardhan**, **J.**, "Overview on E-Resources: A Study of Use of E-Resources by students of Kakatiya University", *Proceedings of International Conference*

- on Sustainability of Digital Libraries (ICSDL-2014) Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad.ISBN: 978-93-83635-33-7 (Pg. Nos. 419-425).
- 7. Chakravarthy, A.S, **Vivekavardhan, J.,** and Ismail, D. "Design and Development of an Institutional Repository- An Overview" *Proceedings of International Conference on Sustainability of Digital Libraries (ICSDL-2014)* Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad.ISBN: 978-93-83635-33-7 (Pg. Nos. 16-24).
- 8. Ramesh,P., Vivekavardhan, J., and Lalitha,V., "Open Source Digital Library Software-An Overview and Comparative Study of DSpace and Greenstone" *Proceedings of International Conference on Sustainability of Digital Libraries (ICSDL-2014)* Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad .ISBN: 978-93-83635-33-7 (Pg. Nos. 49-57).
- Manoj Kumar Verma, and Vivekavardhan, J., "Re-engineering the role of Academic Library Professionals in ICT Era through change management", *Proceedings of International Conference on Sustainability of Digital Libraries (ICSDL-2014)* Sept, 25th to 27th 2014, Hyderabad, BSP Publications, Hyderabad. ISBN: 978-93-83635-33-7 (Pg. Nos. 197-204).
- 10. Dr. J.Vivekavardhan presented a Research Paper on "Smart Phone Usage pattern by the Engineering College Faculty and Students in Hyderabad: Telangana" at International Conference on Academic Libraries (ICAL-2023) on 05-04-2023 at Central University Delhi, New Delhi.

NATIONAL CONFERENCES

- 1. Sudhakar, B., Krishna Reddy, G. and **Vivekavardhan J.,** "Librarians Role in the Digital Era: A Special Focus on Security Issues in Digital Environment", Proceedings of the National Conference NCLSM-2011, Pharma Med Press publication, 2011, Hyderabad, ISBN: 978-93-81075-26-5 (Pg.Nos. 225-232)
- 2. **Vivekavardhan, J.** Chandrashekar Rao, V, "Adoption of Cloud Computing in Open Distance Learning Programmes", Proceedings of the National Conference on LIS Education in India with Special Reference to ODL Prospect and Retrospect, Excel India Publishers, New Delhi, ISBN: 978-93-83842-53-7, (Pg.Nos. 178-186)
- 3. **Vivekavardhan, J** and Chakravarthy, A.S, "Use of E-resources by students of Osmania University: A Study" Proceedings of the National Conference on LIS Education in India with Special Reference to ODL Prospect and Retrospect, Excel India Publishers, New Delhi, ISBN: 978-93-83842-53-7, (Pg.Nos. 232-236)
- 4. Vishwa Mohan, V, **Vivekavardhan**, **J**" Developing skills and Competencies of students of Library and Information science Programme of Open Distance Learning" Proceedings of the National Conference on LIS Education in India with Special Reference to ODL Prospect and Retrospect, Excel India Publishers, New Delhi, ISBN: 978-93-83842-53-7, (Pg.Nos. 84-88)

- 5. **Vivekavardhan, J** and Ramesh, P. Bharathi, K, and Chakravarthy, A.S. "Beyond Google Strategies for Information Literacy in Academia, Proceedings of the National Conference on Management of E-Resources and Institutional Repositories (NACMEIR-2014) Allied Publishers Pvt. Ltd. ISBN: 978-81-8424-953-8,(Pg.Nos. 216-222)
- 6. Revathi, N, Ramesh, P., **Vivekavardhan, J.,** "Information Literacy for Sustainable Research: A contextual Note" Proceedings of the National Conference on Management of E-Resources and Institutional Repositories (NACMEIR-2014) Allied Publishers Pvt. Ltd. ISBN: 978-81-8424-953-8,(Pg. Nos. 191-198)
- 7. **Vivekavardhan, J.,** Vishwa Mohan, V. and Chakravarthy, A.S., "Digital Libraries Sustainability and Future Perspectives" Proceedings of the Digital Libraries of the Future, Emerging trends, Advancements and challenges of engineering and technological institutions, (JNTUK-LIBCON 2014), 30-31st October 2014, B.S.P. Publications, ISBN: 978-93-83635-35-1. (Pg.Nos. 669-674).
- 8. Vishwa Mohan, V, **Vivekavardhan, J.,** "Integration of Information literacy in Library and Information Science Course Curriculum", Proceedings of the National Conference on Role of Library Associations in Promoting Information Literacy in the Knowledge Society, 10-12 April, 2014, Vijayawada, Andhra Pradesh Library Association Publication, ISBN: 978-81-92338-61-3. (Pg.Nos.200-206)
- 9. Chakravarthy, A.S, **Vivekavardhan**, **J**, Sudhakar, B. "Mobile Technology Applications in library and Information Centers" Proceedings of the Digital Libraries of the Future, Emerging trends, Advancements and challenges of engineering and technological institutions, (JNTUK-LIBCON 2014), 30-31st October 2014, B.S.P. Publications, ISBN: 978-93-83635-35-1. (Pg.Nos. 645-649).
- 10. Ramesh,P., Lalitha,V.,and Vivekavardhan,J.,"Metadata Diversity- An Overview on Metadata standards and schemas" Proceedings of the Digital Libraries of the Future, Emerging trends, Advancements and challenges of engineering and technological institutions, (JNTUK-LIBCON 2014), 30-31st October 2014, B.S.P. Publications, ISBN: 978-93-83635-35-1. (Pg.Nos. 125-133).
- 11. **Vivekavardhan, J,**Yadagiri, S, Chandrashekar Rao, B, Vishwa Mohan.V, "Information Literacy to Mobile Apps Literacy for 21st Century Librarians" Proceedings of the Emerging Trends in Scholarly Communication in the Information Literate Society (NCETSC-2015), organized by Department of Library and Information Science, Dravidian University, Kuppam, Andhra Pradesh. Spectrum Publications, ISBN: 978-93-82829-43-0, Pg.Nos. 222-226.
- 12. Vivekavardhan, J, Yadagiri, S, Pavan Kumar, R.K. "Open Source Content Management System and Content Development: An Exclusive study on Wordpress, Joomla and Drupal", organized by Department of Library and Information Science, Sri Krishna Devaraya University, Anantapur, Andhra Pradesh, 28-29th December 2015. SBW Publishers, Delhi, ISBN: 978-81-85708-64-3, Pg.Nos. 510-516.

PARTICIPATION AND PRESENTATION OF PAPERS IN CONFERENCES, SEMINARS, WORKSHOPS AND TRAINING PROGRAMS

International Conferences/Workshops

- 1. Participated in the International Conference on Trends in Knowledge and Information Dynamics, organized by Indian Statistical Institute, DRTC, Bengaluru, during 10–13 July, 2012.
- 2. Participated in the International Conference on Digital Libraries (ICDL-2013), Vision 2020: Looking Back 10 years and Forging New Frontiers, organized by The Energy and Resources Institute, New Delhi, during 27-29 November, 2013.
- 3. Participated in the International Conference on Climate Change-Perspectives and Projections- A Systems Approach, Organised by Osmania University, Hyderabad, during 9–11, December, 2010.
- 4. Participated in the International workshop 5th workshop of the Asia Library and Information Research Group held on 7-9thJuly, 2013 at Taksila Hotel, Maha Sarakham, Thailand, **presented a paper entitled"** Overview on internet and web search engines: an Osmania university research scholars perspective".
- 5. Participated in the International Conference on the Convergence of Libraries, Archives and Museums Innovative Ideas Technologies and Services, (ICLAM 2014) organized by NIFT, IFLA and IGNCA, New Delhi: during 27-29th November, 2014, **presented a paper entitled**" Information Literacy for Knowledge Society: An Overview on Integration of Information Literacy in Library and Information Science course.
- 6. Participated in the International Conference on Sustainability of Digital Libraries, organized by Jawaharlal Nehru Technological University, Hyderabad, during 25-27th September, 2014, presented a paper entitled "Use of Web Search Engines: A Study of Select Engineering College Students in Hyderabad".
- 7. Participated in the International Conference on Sustainability of Digital Libraries, organized by Jawaharlal Nehru Technological University, Hyderabad, during 25-27th September, 2014, presented a paper entitled "Use of Open Source Software: Librarians Perspectives".
- 8. Dr.J.Vivekavardhan Delivered invited Talk on Academic-Search Engines in the National Conference on Management of Modern Libraries at Manipal Academy of Higher Education, Manipal on 3 rd February, 2023.

NATIONAL CONFERENCES/SEMINARS/WORKSHOPS

- 1. Participated in the National Conference on Library Security Management in Digital Era, organized by Jawaharlal Nehru Technological University, Hyderabad, during 4-5th February, 2011, **presented a paper entitled as**" Librarians Role in the Digital Era: A Special Focus on Security Issues in Digital Environment".
- 2. Participated in the National Seminar on "Right to Education (RTE) Challenges and Strategies, organized by National Institute of Rural Development, Hyderabad, during 29-31st August, 2013.
- 3. Participated in the National Conference on Digital Libraries of the Future, Emerging Trends, Advancements and Challenges of Engineering and Technological Institutions, organized by Jawaharlal Nehru Technological University, Kakinada, during30-31st October, 2014, **presented a paper entitled as** "Digital Libraries Sustainability and Future Perspectives".
- 4. Participated in the National Conference on Management of e-Resources and Institutional Repositories (NACMIER-2014) organized by University of Hyderabad, during 14-15th November, 2014, **presented the papers** entitled as "Information Literacy for Sustainable Research: A contextual note" and another paper "Beyond Google- Strategies for Information Literacy in Academia.
- 5. Participated in the National Conference on "Emerging Trends in Scholarly Communication in the Information Literate Society (NCETSC-2015) organized by Dravidian University, Kuppam, during 19-20th March, 2015, **presented a paper entitled as** "Information literacy to Mobile Apps Literacy for 21st century librarians".
- 6. Participated in the National Seminar on "LIS Education in India with Special Reference to ODL: Prospect and Retrospect", organized by Dr.B.R.Ambedkar Open University, Hyderabad, during 29-30th May, 2014, **presented a paper entitled as** "Use of E-Resources by students of Osmania University: A Study".
- 7. Participated in the National workshop on "Current Trends on Cloud Security", organized by department of Computer Science and Mathematics Osmania University, Hyderabad, during 30⁻ 31st March, 2013.
- 8. Attended a three day workshop on "Data Analysis Using IBM SPSS in Social Science Research", organized by department of Psychology, Osmania University, Hyderabad, during 21-23rdMarch, 2013.
- 9. Attended a one day workshop on "Cloud Computing Fundamentals", organized by Manjrasoft Pvt.Ltd, Australia, at JNTU-Hyderabad, on 11th December, 2012.
- 10. Attended a one day Research Scholar Event organized by ACM India, at IIT Madras, Chennai on 23rd January, 2013.

- 11. Participated in the National Conference on "Role of Library Associations in promoting Information Literacy in the Knowledge Society, organized by APLA, Vijayawada, during 10^{-12th} April, 2014.
- 12. Participated in the National Seminar on, "Emerging Trends and Technologies in Academic Libraries in Digital Era (ETTALDE-2014)" organized by Chaitanya Post Graduate College, Warangal, during 23rd-24th August, 2014.
- 13. Participated in the National Seminar on "Digital Humanities: Core Technologies (NSDHCT-2014)", organized by University College for Women, Hyderabad, during 11-12th December, 2014, **presented a paper entitled as** "Emerging trends in the Digital Information Management and Digital File Formats: An Overview".
- 14. Participated in the seminar cum Training Workshop on "Publish and Present: Strengthening the Quality of Scientific Scholarly Communication" organized by UCSS, OU, in association with INMAS, DMRL, DRDO at DMRL, Hyderabad during 16-18th March, 2015.
- 15. Participated in the National Seminar on "Contemporary trends in Librarianship" organized by Sri Krishna Devaraya University, Anantapur, during 28-29th December, 2015, **presented a paper entitled as** "Emerging Trends in Content Management System: A Comparative Study of WordPress, Joomla and Drupal".
- 16. Participated in the National Level Training on "Evaluation Reforms in Higher Education, organized by University Grants Commission, South Eastern Regional Office, University of Hyderabad on 18th and 19th July, 2019.
- 17. Participated in the seventh Rashriya Adhivation of Akhil Bharatiya Rashtriya Shaikshik Mahasangh held on 8,9 &10th November, 2019 at Ganpat University, Mehsana, Gujarat.
- 18. Participated in Two days National Seminar on Bharat @75 Unnat Shikhsn and Unnat Bharat held on 7 th and 8 th September, 2022 at BengaluruUniversity, Bengaluru. Karnataka.

ORIENTATION/REFRESHER COURSES/ TRAINING PROGRAMS PARTICIPATION

- 1. Maulana Azad National Urdu University: Attended the UGC Sponsored "Online Refresher Course in Library Sciences" From 30-09-2023 to 11-11-202 UGC Academic Staff College MANUU, Hyderabad and accorded with grade "A+".
- 2. UGC-Human Resource Development Centre, University of Hyderabad: Attended the Refresher Course on Information & Communication Technology from 24-08-2020 to 05-09-2020 and obtained grade "A".
- 3. Ministry of Human Resource Development: Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching: Teaching Learning Centre, Ramanujan College, University of Delhi, Completed 1 2-week Faculty Development Programme on

- "Managing Online Classes and Co-Creating MOOCS 3.0" from 25-07-2020 to 10-08-2020 and obtained grade A^+
- **4.** UGC-HRDC & RUSA, Osmania University, Hyderabad Attended the short term course on Communicative English for Excellence in Teaching organized from 27-07-2020 to 01-08-2020.
- **5.** Association of Indian Universities, Pondichery Central University, Attended the National Workshop for Research Methodology in Social Sciences: from 18-09-2018 to 24-09-2018.
- **6. Jawahar Lal Nehru Technological University:** Attended the UGC Sponsored "Orientation Course" from 31-08-2015 to 29-09-2015, at UGC Academic Staff College JNTU- Hyderabad, and obtained grade "A".
- 7. Maulana Azad National Urdu University: Attended the UGC Sponsored "Refresher Course in Library Sciences" From 06-08-2014 to 26-08-2014 at UGC Academic Staff College MANUU, and accorded with grade "A".
- 8. NISCAIR: Participated in the Training Course on Design and Development of Digital Libraries using Dspace-Basic conducted by NISCAIR, New Delhi from 14th July 2014 to 18th July, 2014.
- **9. JNTU Hyderabad:** Participated in the Short term course on "**Digital Resource Management in Libraries**" conducted by UGC Academic Staff College, JNTU, Hyderabad held on during 20-06-2011 to 25-06-2011.
- **10. B-Cube Consulting Private Limited:** Participated in the Professional Content Writing Skills Training Program, Hyderabad held on during 11-04-2015 to 10-05-2015.
- 11. CESS Hyderabad: Participated in the National Training Programme on "KOHA-An Open Source Integrated Library System" conducted by centre for Economic and Social Studies and ICSSR-Southern Regional Centre, OU, Hyderabad held on during 06-11-2013 to 08-11-2013.
- **12. Microsoft Project Shiksha:** Participated in Teacher Training Program held on during 02-13th August, 2005 at MCRHRD, Hyderabad.
- **13. Centre for English Language Training:** Attended the Course on "Communication Skills and Personality Development" held on during 30-07-2012 to 27-09-2012 at University college of Engineering, OU, Hyderabad.
- **14. Vidya Bhawan Society: Udaipur, Rajasthan:** Participated in the text book development workshop for science class 7th, Position Papers, Syllabus, Academic Standards of Languages, Organised by Vidya Bhawan Society, Udaipur, held on during 11-03-2011 to 20-03-2011.

- **15. Vidya Bhawan Educational Resource Centre, Udaipur, Rajasthan:** Participated in the text book development workshop for science class 6th and 7th, Organised by Vidya Bhawan Society, Udaipur, held on during 11-11-2011 to 23-11-2011.
- **16.** National Small Industries Corporation Limited, Hyderabad: Participated in the training program on Data Analysis Using SPSS, organized by NSIC Technical Service Centre, held on 15-03-2014.

COMPUTER SKILLS

• PGDCA, MS –OFFICE, C Language, Java Language.

PUBLICATIONS

- B.Ed Guide Published.
- GATE Material Prepared for Time Institute, Hyderabad.
- Andhra Pradesh State Government Class VIth Science Text Book Coordinator and Text Book Author (Electricity chapter)
- Andhra Pradesh State Government Class VIIth Science Text Book Coordinator and Text Book Author (Electricity chapter)

STATE BOARD OF TECHNICAL EDUCATION AND TRAINING:

- 1. Passed the Type-Writing English (lower) 30 W.P.M. held in August 1990 at Medak with Regd. No. 173489.
- 2. Passed the Type-Writing English (higher) 45 W.P.M. held in May/June 1991 at Medak with Regd. No. 368337.
- 3. Passed the Type-Writing Telugu (lower) 25 W.P.M. held in August 1990 at Medak with Regd. No.269950.

ANDHRA PRADESH GOVERNMENT DEPARTMENTAL TESTS:

- 1. Departmental Test for Gazetted Officer, with Roll. No. 310847 held on 11-11-2003, passed in June -2004, Published in the APPSC Udyoga Samacharam, Sl.No.111 page No. 99.
- 2. Departmental Test for Executive Officer, with Roll No. 12712115 held on 22-08-2009, passed in May-2009, Published in the APPSC Udyoga Samacharam, Sl.No.118 page No. 69

EXTRA CURRICULAR ACTIVITIES

- Participated in various Sports, Quiz's Elocution's and Debates in Inter Schools and Inter-Collegiate levels.
- Organized Cultural events for college day Annual functions.

Place: Hyderabad Date: 09-12-2024

(Dr. J.VIVEKAVARDHAN)