

**Dr. (Mrs.) R. Srivaramangai**

<ul style="list-style-type: none"><li>➤ Assistant Professor &amp; Head, Department of Information Technology</li><li>➤ Offg. Director, Centre for Excellence in Theoretical and Computational Sciences</li><li>➤ Ph.D. Guide in Information Technology, University of Mumbai</li></ul>
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**Work experience**

20 years of teaching experience as a lecturer for B.Sc(IT) and B.Sc(Computer Science), M.Sc(IT),M.Sc(Computer Science) and MCA.

6 years of programming experience in various private companies

**Awards & Honours :**

- ❖ Distinguished HoD award by CSI Mumbai Chapter in Jan 2017
- ❖ Listed in top 100 by The 420 at National level : CQ100: The Dynamic Women changing The Face Of Indian Cyberspace March 2021.

### **Member of Committees, Panels and boards**

- Chairperson, Adhoc Board of studies in Information Technology, University of Mumbai
- Worked as a Interviewer on behalf of Management and I/c. Principal in SIES College of Commerce and Economics, Sion (E), Mumbai for recruitment of IT post of Assistant Professor as per letter no. 378, dt. 21<sup>st</sup> August, 2015
- Worked as a Vice-Chancellor Nominee on selection Committee in St. Andrew's College of Arts, Science & Commerce, Bandra (W), Mumbai for the appointment of Assistant Professor (IT) as per letter no. StaffIntv-Tchg/B.Sc(IT) (2015-16) dt. 4<sup>th</sup> August, 2015
- University of Mumbai awarded membership of the Ad-hoc Board of Studies in Information Technology (Faculty of Science) from the period 25<sup>th</sup> August, 2015 for three years vide letter no.EL/Ad-hoc/ICD/2015-16/345/2015, dt. 26<sup>th</sup> August, 2015
- University of Mumbai awarded membership of the Ad-hoc Board of Studies in Information Technology (Faculty of Science) from the period 25<sup>th</sup> August, 2015 for three years vide letter no.EL/Ad-hoc/ICD/2015-16/357/2015, dt. 31<sup>st</sup> August, 2015
- Appreciation certificate for the part of the Advisory Committee of Pillai College of Arts, Commerce and Science, New Panvel for Journal on "Digital India : The Road Ahead"
- Worked as a Examiner for M.Sc. CS External practical examination Oct/Nov, 2015 in the North Maharashtra University, Jalgaon vide letter No.NMU/CS/Exam/243/2015, dt. 12<sup>th</sup> October, 2015
- Worked as a Examiner for M.Sc. CS External practical examination Oct/Nov, 2015 in the North Maharashtra University, Jalgaon vide letter No.NMU/CS/Exam/244/2015, dt. 12<sup>th</sup> October, 2015
- For the Interview of Assistant Professor, B.Sc. (IT) in Chandrabhan Sharma College of Arts, Science & Commerce worked as a Vice-Chancellor Nominee as Subject Expert vide letter no. CBS/2015-16/OW/192, dt.5<sup>th</sup> November,2015
- Worked as a expert committee member for the proposal of starting New College/Course/Additional Division/New Subject in Wilson College, Chowpatty, Mumbai vide letter no.PG/2/ICD/2015-16/2984, dt. 30<sup>th</sup> March, 2016
- Worked as a expert committee member for the proposal of starting New College/Course/Additional Division/New Subject in DTSS College of Commerce, Malad, vide letter no.PG/2/ICD/2015-16/2999, dt. 31<sup>st</sup> March, 2016

- Worked as a expert committee member for the proposal of starting New College/Course/Additional Division/New Subject at Wada College of Management & Science, TalWada, Dist: Palghar, vide letter no.PG/2/ICD/2015-16/57, dt. 5<sup>th</sup> April, 2016
- Worked as a expert committee member for the Inspection of all un-aided Engineering Colleges of Maharashtra State, vide letter no.Aff./ICD/16-17/47/90, dt. 11<sup>th</sup> April, 2016
- Worked as a expert committee member for the proposal of starting New Additional Division/Course/Subject at Mithibai College of Arts, Commerce and Economics, Vile Parle (W) vide letter no.Aff./ICD/16-17/89/115, dt. 13<sup>th</sup> April, 2016
- Worked as a expert committee member for the Inspection of all un-aided Engineering College of Maharashtra State, vide letter No.Aff./ICD/16-17/39/90, dated 6<sup>th</sup> May, 2016
- Worked as a expert committee member for the continuation and Extension of affiliation in Terna Engineering College, Nerul (W), Navi Mumbai for the academic year 2016-17 and previous years, vide letter No.Aff./ICD/16-17/92, dt. 6<sup>th</sup> May, 2016
- Worked as a expert committee member for the continuation and Extension of affiliation of Padmabhushan Vasantdada Patil Prathishan's College of Engineering, Sion-Trombay Road, Mumbai for the academic year 2016-17 and previous years, vide letter No.Aff./ICD/16-17/91, dt. 6<sup>th</sup> May, 2016
- Appreciation Certificate for worked as a resource person for the one day workshop on revised syllabus of First Year B.Sc.(IT), dt. 22<sup>nd</sup> July, 2016, at S.K. Somaiya College of Arts, Science and Commerce
- Worked as a inquiry committee member regarding the leakage of B.M.S. (Sem.VI) (CBSGS) (60:40 & 75: 25) paper, dt. 23/4/2016, vide letter no.EKX/ICD/2016-17/117, dt. 7<sup>th</sup> May, 2016
- Invitation from Department of Education, University of Mumbai to conduct two sessions on 'e resources for teaching and Research', vide letter no.Ed./Ref.Cou./3/2015, dt. 11<sup>th</sup> July, 2015
- Worked as a IQAC committee member for the Discussion on the NAAC committee Report and implementation of the University, vide letter no.APD/389/677 of 2013, dt. 7<sup>th</sup> March, 2013
- For the Interview to select the post of Assistant Professor in B.Sc. (I.T.) in Narsee Monjee College of Commerce and Economics, Vile Parle(W), Mumbai worked as a Subject Expert vide letter no. Ref F-91/2013-14/38, dt. 1<sup>st</sup> April, 2013
- Worked as an Expert to moderate/edit for the course material prepared in Self Learning Material (SLM) format in the subject of Wireless Technology – Paper -II – Semester –

V at the

M.C.A. course by the IDOL, vide letter no.IDOL/SM/3089 of 2013, dt.8<sup>th</sup> May, 2013

- Worked as a Subject Expert for the selection of the post of Assistant Professor in I.T./C.S. in NagindasKhandwala College of Commerce, Arts & Management Studies, Malad, vide dt.28<sup>th</sup>May,2013
- For the Interview to select the post of Assistant Professor in B.Sc. (I.T.) in SIES College of Commerce and Economics, Sion (E), Mumbai worked as a Subject Expert vide letter no. Ref 231 dt. 4<sup>th</sup> June, 2013
- Worked as a Subject Expert for the selection of the post of Lecturers in B.Sc.(IT) and Computer Science in Thakur College of Science & Commerce, vide letter no. TDC-55-A/396/2013, dt.5<sup>th</sup> June, 2013
- Worked as a Subject Expert for the selection of the post of Assistant Professor in I.T./C.S. in NagindasKhandwala College of Commerce, Arts & Management Studies, Malad, vide dt.6<sup>th</sup> June, 2013
- Worked as a Interviewer on behalf of Management andPrincipal in SIES College of Commerce and Economics, Sion (E), Mumbai for recruitment of B.Sc.(I.T.) post of Assistant Professor as per letter no. 232, dt. 7<sup>th</sup> June, 2013
- Worked as a Resource Person for the subject Data Analysis Tools (PSIT103) organized by the KarmaveerBhaurao Patil College, Vashi, vide letter no.245/2013-14, dt. 11<sup>th</sup> July, 2013
- Worked as a Resource Person for the workshop on Revised syllabus of M.Sc. (I.T.) organized by the KarmaveerBhaurao Patil College, Vashi, vide letter no.246/2013-14, dt. 13<sup>th</sup> July, 2013
- Worked as a Resource Person for the subject Data Analysis Tools organized by the Usha Pravin Gandhi College of Management, Vile Parle (West), Mumbai vide dt. 29<sup>th</sup> July, 2013
- Invitation from S.K. Somaiya College of Arts, Commerce & Science, as a resource person for one day workshop on M.Sc.(IT) Part-1 practical in the subject of “Software Testing and Datamining”, vide letter no.G-4/13-14/486, dt.7<sup>th</sup> August, 2013
- Invitation from S.M. Shetty College of Science, Commerce and Management Studies, for the workshop on revised syllabus of the subject “Network Security & Software Testing” for T.Y.B.Sc.(IT) Sem V, vide dt.8<sup>th</sup> August, 2013
- Worked as a member of Ad-hoc Board of Studies and Resource Person in the subject Data Analysis Tools organized by the Usha Pravin Gandhi College of Management, Vile

Parle (West), Mumbai vide letter no.UPGCM/458/2013, dt. 13<sup>th</sup> August,2013

- Invitation from Department of Education, University of Mumbai to conduct a sessions on Use of Software in Examination vide letter no.Ed./Ref.Cou./333/2013, dt. 8<sup>th</sup> October, 2013
- Invitation from Department of Education, University of Mumbai to conduct a sessions on Use of Software in Examination vide letter no.Ed./Ref.Cou./343/2013, dt. 24<sup>th</sup> October, 2013
- Worked as a Vice-Chancellor Nominee of the interview Panel for the Information Technology subject in The South Indian Association College of Higher Education, Dombivli as per letter dt. 25<sup>th</sup> October, 2015
- Worked as a Interviewer on behalf of Management of The South Indian Association, Dombivli for recruitment of the Assistant Professor in Information Technology dt. 27<sup>th</sup> October, 2013
- Worked as a Judge for the Inter Collegiate Science Exhibition Competition in RamnarainRuia College, Matunga, vide dt.13<sup>th</sup> December, 2013
- Worked as a Ad-hoc Board of Studies in Information Technology for the workshop on the subject of “Internet Technologies” T.Y.B.Sc (IT), Sem.VI organized by the SIES College of Arts, Science and Commerce, Sion (W), dt.2<sup>nd</sup> January, 2014
- Worked as a Resource Person for the interactive workshop on Project Management at T.Y.B.Sc (IT) organized by the Nirmala Memorial Foundation College of Commerce & Science, Kandivali (East), dt.22<sup>nd</sup> January, 2014
- Worked as a Management Nominee on selection Committee of Vidyalankar School of Information Technology, Wadala (East), for the appointment of Assistant Professor (IT) in the subject of Electronics & Information Technology as per letter no. VSIT/SC/INT/1205 of 2014, dt. 10<sup>th</sup> January, 2014
- Worked as a Resource person for the workshop on Case Studies in Project Management (Practical) at the TYBSC (IT) – Semester VI organized by the Nirmala Memorial Foundation College of Commerce & Science, Kandivali (East), dt.2<sup>nd</sup> January, 2014
- Participation certificate for workshop on GIS organized by Thakur College of Science and Commerce, Kandivali (East), Mumbai
- Worked as a Management Nominee on selection Committee of Vidyalankar School of Information Technology, Wadala (East), for the appointment of Assistant Professor (IT) in the subject of Electronics & Information Technology as per letter no. VSIT/SC/INT/1279 of 2014, dt. 13<sup>th</sup>January, 2014

- Worked as a selection Committee of Vidyalankar School of Information Technology, Wadala (East), for the appointment of Assistant Professor (IT) in the subject of Electronics & Information Technology as per letter no. VSIT/SC/INT/1279 of 2014, dt. 13<sup>th</sup> January, 2014
- For the Interview to select Lecturer in Information Technology in the subject of Electronics & IT at Vidyalankar School of Information Technology, Wadala (East), worked as a Subject Expert vide letter no. VSIT/SC/THN/1292 of 2014, dt. 21<sup>st</sup> January, 2014
- Worked as a Resource person for the workshop on M.Sc.(IT) Cloud and Ubiquitous Computing Syllabus organized by the Nirmala Memorial Foundation College of Commerce & Science, Kandivali (East), dt. 2<sup>nd</sup> January, 2014
- Worked as a Resource Person on behalf of Management of Mulund College of Commerce, Mumbai for workshop on M.Sc.(IT) Cloud and Ubiquitous Computing Syllabus vide letter no. 53/2/403, dt. 10<sup>th</sup> February, 2014
- For the Interview to select the post of Assistant Professor in Computer Science (for B.Sc) in S.K. Somaiya College of Arts, Science and Commerce worked as a Subject Expert vide letter no. Advt/13-14/1930, dt. 20<sup>th</sup> March, 2014
- Appreciation certificate for conducting Practical Examination as External Examiner for B.Sc.(IT) Sem VI (CBGS) in the subject of GIS at Vivek College of Commerce, dt. 12<sup>th</sup> April, 2014
- Worked as a External Examiner for T.Y.B.Sc.(I.T.) Semester-VI, practical examination (First Half of 2014) in Vivek College of Commerce, Goregaon (West), dt. 10<sup>th</sup> April, 2014
- Worked as a Examiner for MCA of the candidates project of evaluation and Viva voce in the North Maharashtra University, Jalgaon vide letter No. NMU/7C/2715/2014, dt. 31<sup>st</sup> May, 2014
- For the Interview to select the post of Assistant Professor in B.Sc. (I.T.) in SIES College of Commerce and Economics, Sion (E), Mumbai worked as a Subject Expert vide letter no. Ref 226 dt. 29<sup>th</sup> May, 2014
- Worked as a Interviewer on behalf of the Management and Principal in SIES College of Commerce and Economics, Sion (E), Mumbai for recruitment of IT post of Assistant Professor as per letter no. Ref 226A, dt. 4<sup>th</sup> June, 2014
- Worked as a paper setter for M.C.A. (Distance Education) Entrance Test 2014 in the Institute of Distance Education vide letter IDOL/IT/12/2014, dt. 7<sup>th</sup> June, 2014
- University of Mumbai appointed as a member of the committee to make local inquiry

and report on the application for extension/continuation of affiliation in the G.R. Patil College of Arts Science and Commerce & B.M.S. College, Dombivli, vide letter no.PG/ICD/2014-15/559, dt. 18<sup>th</sup> June, 2014

- Worked as a Resource Person on behalf of Management and college at S.K. Somaiya College of Arts, Science and Commerce for workshop on Revised Syllabus of M.Sc.(IT) as per letter no.Ref G-4/14-15/672, dt. 11<sup>th</sup> July, 2014
- Worked as a Resource person for one day workshop on Revised Syllabus of M.Sc.(I.T.) Part II, organized by the S.K. Somaiya College of Arts, Science and Commerce, dt.16<sup>th</sup> July, 2014
- Worked as a Ad-hoc Board of Studies in Information Technology and Resource Person for the workshop of M.Sc. (IT), Sem III, Digital Image Processing and Embedded System Practicals organized by the Thakur College of Science and Commerce, Kandivli (East), vide letter No.TDC- 44/520/2014, dt.6<sup>th</sup> August, 2014
- Invitation for a one day National Conference on “Advancement in IT : Current Trends, Future Scenario and Impact on Society” by S.M. Shetty College of Science, Commerce and Management Studies, vide letter dt.19<sup>th</sup> August, 2014
- Worked as a Resource person for Research Trends in IT & CS organized by the Valia ChhaganlalLalajibhai College of Commerce, Arts. dt.15<sup>th</sup> September, 2014
- Appreciation certificate for the Contribution as a committee Member of 102<sup>nd</sup> Indian Science Congress-2015 organized by the University of Mumbai
- Worked as a Resource person for the short-term course on Contemporary strategies for teaching and evaluation organized by the UGC Academic Staff College, University of Mumbai vide letter No.ASC/33-235/2015, dt.5<sup>th</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Data Warehousing & Mining at the M.Sc.(IT) Part – I course by the IDOI, vide letter no.VLC/204/5821-H of 2015, dt.31<sup>st</sup> March, 2015
- Worked as a Guest for one day workshop of faculties on the practical work of Computer Forensics and Cloud Management courses in the revised syllabus of MSC Part II Semester IV organized by the Mulund College of Commerce, dt.16<sup>th</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Computer Simulation & Modelling at the M.Sc.(IT) Part – I course by the IDOI, vide letter no.VLC/204/5821-J of 2015, dt.31<sup>st</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Speech Recognition at the M.Sc.(IT) Part – I course by

the IDOI, vide letter no.VLC/204/5821-C of 2015, dt.31<sup>st</sup> March, 2015

- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Advance Database System at the M.Sc.(IT) Part – I course by the IDOI, vide letter no.VLC/204/5821-B of 2015, dt.31<sup>st</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Multimedia Systems and Convergence to Technologies at the M.Sc.(IT) Part – II course by the IDOI, vide letter no.VLC/204/5821-D of 2015, dt.31<sup>st</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Artificial Intelligence at the M.Sc.(IT) Part – II course by the IDOI, vide letter no.VLC/204/5821-F of 2015, dt.31<sup>st</sup> March, 2015
- Worked as a Editor for the purpose of preparing study material in Self Learning Material (SLM) format in the subject of Advance Computer Networks at the M.Sc.(IT) Part – I course by the IDOI, vide letter no.VLC/204/5821-I of 2015, dt.31<sup>st</sup> March, 2015
- University of Mumbai appointed as a member of the committee to make local inquiry and report on permission for permanent affiliation to teach M.E. degree course in the branch of 1) Information Technology 2) Computer Engineering 3) Electronics Engineering 4) Mechanical Engineering in the Pillai Institute of Information Technology and Engineering, New Panvel vide letter no.PG/2/ICD/2015-16/227, dt.20<sup>th</sup> May, 2015
- Worked as a Resource Person for Refresher course on the theme ‘Recent trends in Computer Science and Information Technology’ organized by the University Department of Computer Science vide letter no.UDCS/S7/2011, dt. 28<sup>th</sup> January, 2010.
- Participation certificate in one day intercollegiate seminar ‘Research in IT : Present & Future’ organized by the Department of Information Technology of Patkar Varde College, Goregaon (W), dt.23<sup>rd</sup> January, 2010
- Certificate from Bharati Vidyapeeth University, for paper on Cloud Computing with educational sector- A case analysis in the National Research Paper Presentation Competition organized by the Institute of Management & Research, New Delhi, dt.20<sup>th</sup> February, 2010
- Certificate from Mukesh Patel School of Technology Management & Engineering, for paper of Cloud Computing with educational sector A case analysis for Publication at NCICT 2010
- Participation certificate for Faculty Connection Summer Symposium organized by Microsoft Corporation & IITB from 21<sup>st</sup> June to 25<sup>th</sup> June, 2010



- For the Interview to select Lecturer in Computer Science/Information Technology at S.K. Somaiya College of Arts, Science & Commerce, Vidyavihar, Mumbai worked as a Subject Expert vide letter no. Advt./10-11/708, dt.28<sup>th</sup> July, 2010
- Guru Nanak Khalsa College of Arts, Science & Commerce awarded membership on Academic Board of Studies of Computer Science and Information Technology for the academic year 2010- 2011,dt.14<sup>th</sup> September, 2010
- Participation certificate in National Conference “Intelligent System” organized by the Department of Information Technology of VPM’S B.N. Bandodkar College of Science, Thane, dt.26 n 27 November, 2010.
- Invitation from Nirmala Memorial Foundation College of Commerce & Science, Kandivali, as a Guest and resource person for a one day workshop on DBMS & Web technologies (Revised) Syllabus of F.Y.B.Sc. (IT), organized by the Department of Information Technology of dt.16<sup>th</sup> December, 2010
- Invitation from Department of Applied Psychology & Counselling Centre, University of Mumbai to conduct sessions on Computer Hacking – Risks and Protective Steps, vide letter no.328/UGC- ASC/Refr-11, dt. 22<sup>nd</sup> December, 2010
- Invitation to the Seminar on Emerging Trends and Opportunities in Information Technology organized by the Vikas Night College of Arts, Science and Commerce, Vikhroli, vide letter no.503/2010-11, dt.7<sup>th</sup> January, 2011
- Certificate from Vikas Night College of Arts, Science and Commerce, Vikhroli, for paper on Cloud Computing organized by the Department of Information Technology, dt.22<sup>nd</sup> January, 2011
- Worked as a member to the Board of studies of the Information Technology Department of St.Xavier’s College, Mumbai, dt.29<sup>th</sup> January, 2011
- Invitation to the Inaugural session for the UGC sponsored State Level seminar on Emerging Trends and Opportunities in Information Technology organized by the Vikas Night College of Arts, Science and Commerce, Vikhroli, vide letter no.P91/2010-11, dt.3<sup>rd</sup> February, 2011
- Worked as a Resource Person for Refresher course on the theme ‘Recent trends in Computer Science and Information Technology’ organized by the University Department of ComputerScience vide letter no.UDCS/51/2011, dt. 7<sup>th</sup> February, 2011.
- Worked as a member for one day Research Seminar on “Research Avenue and Challenges in Higher Education” organized by the APD Section, vide letter No.APD/450/503 of 2011, dt.11<sup>th</sup> November, 2011

- Appreciation certificate as a Local organizing Chair for the first World Congress on Information and Communication Technologies, WICT 2011 dt.14<sup>th</sup> December, 2011
- Certificate from Planning Commission, Govt. of India, New Delhi for Promoting Eco Agriculture for Sustainability and Climate Change Impacts Management dt. 19-20, December, 2011
- Worked as a Resource Person for one day workshop on S.Y.B.Sc (IT) Revised syllabus (SemIV) organized by the K.J. Somaiya College of Science and Commerce, dt.19<sup>th</sup> December, 2011
- Worked as a scrutiny committee member for Educational Universities as per the Vice-Chancellor order letter no. GM/7026/2012, dt.9<sup>th</sup> February, 2012
- Worked as a Technical Support committee member for NAAC vide letter BCUD/136 of 2012, dt. 16<sup>th</sup> March, 2012
- University of Mumbai appointed as a membership of the Board of Studies in Geography for preparation of the syllabus for M.Sc. Geoinformatics and suggestion for the procedure of admitting Ph.D. candidate in Geoinformatics vide letter no.A.A./ICN/2012-13/19, dt. 16<sup>th</sup> April, 2012
- Participating for the meeting of online admission process of First year Under Graduate & Post Graduate Programmes organized by the IDOI, vide letter no.IDOI/Admn./1748/2012, dt.20<sup>th</sup> April, 2012
- Worked as a Guest for one day workshop on Advanced Java (New Syllabus of T.Y.B.Sc.IT) organized by the Anna Leela College of Commerce & Economics, Kurla (E), dt. 13<sup>th</sup> June, 2012
- Worked as a IQAC committee member for the University of Mumbai, vide letter no.APD/389/251 of 2012, dt. 27<sup>th</sup> July, 2012
- Worked as a Guest Lecture for the subject of “Network Security” organized by the Usha Pravin Gandhi College of Management, Vile Parle (West), Mumbai vide letter No. UPG/487/2012, dt. 1<sup>st</sup> October, 2012
- Worked as a Resource person for half day workshop on Revised Syllabus of Project Management organized by the Chandrabhan Sharma College, Powai, dt.4<sup>th</sup> December, 2012
- Worked as a member of the Advisory Committee of the International Conference on “Interdisciplinary Applications on Remote Sensing and Geographic Information System” organized by the K.J. Somaiya College of Science and Commerce, Vidyavihar, dt.8<sup>th</sup> December, 2012

- Worked as a Resource person for half day workshop on “TY.B.Sc.IT Sem – VI Revised Syllabus for the subject of Project Management organized by the Chandrabhan Sharma College, Powai, dt.12<sup>th</sup> December, 2012
- Invitation from Usha Pravin Gandhi College of Management, Vile Parle (W), for judging the software projects for event CHIP-IT 09, dt. 20<sup>th</sup> February, 2009
- For the Interview to select the post of Lecturers in Computer Science and I.T. Dept in KishinchandChellaram College, Churchgate, worked as a Subject Expert vide letter no. HSNCb/KC/09/140, dt. 14<sup>th</sup> May, 2009
- For the Interview to appointment of Lecturers for B.Sc.(IT) in Vivek College of Commerce,Goregaon (W) worked as a subject expert, dt. 18<sup>th</sup> May, 2009
- Participation certificate in the workshop for Practical of M.Sc. Information Technology (Part I), organized by the Department of Information Technology and Computer Science of D.G. Ruparel College of Arts, Science and Commerce, dt. 19<sup>th</sup> September, 2009
- Participation certificate as a resource person in the workshop for Practical of M.Sc. Information Technology (Part I), organized by the Department of Information Technology and Computer Science of D.G. Ruparel College of Arts, Science and Commerce, dt. 19<sup>th</sup> September, 2009
- Participation certificate for one day workshop on Practical of M.Sc. Information Technology (Part II), organized by the Department of Information Technology of V.G.Vaze, College of Arts, Science and Commerce, Mulund (E), dt. 11<sup>th</sup> September, 2009
- Appointment on Advisory Committee in the Department of Computer Science, vide letter No.UDCS/546/09, dt. 17<sup>th</sup> November, 2009
- For the Interview to select Lecturer in (IT) at K.J. Somaiya College of Science & Commerce worked as a Subject Expert vide letter no. S-7/Uni/1484/09, dt.26<sup>th</sup> December, 2009

**Renowned Positions held:**

1. Has peer reviewed research papers in conferences and journals.
2. Member of CSI, Panel and expert member to cyber crime cell of Maharashtra police
3. Chairperson, Adhoc BoS(IT), University of Mumbai
4. Referee for PhD Thesis and Viva Examination
5. BoS Member of Adhoc board of IT, Autonomous Colleges
  - a. St. Xavier’s College
  - b. Nagindas Khandwala College

- c. SIES-Sion(W) College
  - d. RUIA College
  - e. KBP Vashi College
  - f. NM College
  - g. Jhunkhunwala College
  - h. K.J.Somaiya College
  - i. DTSS College
6. BoS Member of Amity University
  7. Nodal Officer, NIRF, University of Mumbai
  8. Ranking Officer University of Mumbai,- QS, Times world ranking
  9. IQAC member of University of Mumbai
  10. Member of Swayam Project of MHRD for University of Mumbai
  11. Member and Project Coordinator of Academic Audit Project of Maharashtra Government
  12. Project Director of University of Mumbai Website Development
  13. Permanent member of Technical committee of Directorate of Forensic Science Laboratory, Mumbai
  14. Panel member, Cyber Cell, Maharashtra, India
  15. Convenor of Online University Committee set up by the Govt. of Maharashtra, India
  16. Academic Council Member of BMN College, SNDT University

**Projects Carried out(Latest)**

Sr. No.	Title of the Project
01	Complete Admission to Examination System Parivartan
02	Admission and Fee collection system for University Departments
03	Ph.D Portal for University Departments Admission Module

04	Staff Recruitment Portal
06	NIRF Data Collection Portal
07	AQAR
08	Management Council Online
09	Monthly Staff Changes

### **Innovations/ Contributions in Teaching(Latest)**

- a) Curriculum Designing: Being an Adhoc BoS chairperon of IT and also a member of syllabus committee for B.Sc as well as MSc have contributed to the revised syllabus of M.Sc IT Part II in subjects like Advance Image Processing, Medical Image Processing, remote Sensing, Computer Vision. Submitted a proposal for starting a new one year program known as PGDiploma in Block Chain Technology through blended learning.It has been passed in BoS, and BoD and awaiting for the approval from AC and MC. The entire syllabus was prepared by involving the BoS members and industry experts
- b) Teaching Methods: Traditional White board marker method, Power point, Quizes, Online assignment submissions through LMS. Tried on online whiteboards available in trial versions of products like tutorialpoint, webwhiteboard. Google meet, zoom, Go brunch, Jitsi, Microsoft Teams are the online teaching tools used and tested. Google meet is heavily used by us. Used the white facility in webex, zoom. Moodle is used for LMS
- c) Laboratory Experiments: Conducted the laboratory sessions for Information Security Management using tools like NMAP, Wireshark etc. Also using MATLAB and Scilab conducted the practical sessions of Digital Image Processing. Used Linux with Aphophinia Library for Data Analysis tools practical. Tried using some VLABS of IITs for the subject of artificial intelligence using Python.
- d) Evaluation Methods: Effective Class interaction, assignments, small case studies, and semester end examinations are the methods used in evaluation. The internal test of 30 marks was conducted using CN net in online mode. Gave problem solving questions after each unit completion to assess the understanding of the students. Also assessed through Moodle cloud platform
- e) Preparation of resource Materials including books, e-content development reading materials, lab. manual etc. and promotion of online education (MOOC/SWAYAM/PG. PATHSHALA etc) : I have been using Moodle for online e content delivery even before it could be installed in University server. The Moodle cloud was used at that time. Subjects like Digital Image Processing, Data Analysis Tools, Information Security Management, Advance Image Processing were delivered through Moodle Cloud
- f) Students Remedial Teaching/ Counseling/ Finishing activities: The project students are also the mentees for the guide. Through out their student life cycle they are being mentored in terms of

performance, communication skills, personality development, Personal counselling, career guidance. There were 5 students of part I and 8 students of part II under my mentorship. The personalized interaction with students enable to understand their strong and weak elements and could guide them in those weak areas.

**4. Extension Work, Outreach Activities Co-curricular and Extra-curricular activity carried out:** (Please give a short account of your contribution to)

**a) Contribution to University(Latest):**

1. Any task assigned to me as a committee member or as the head of the department, related with IT services like hardware, networking, software, purchase, development and also in using online tools etc. Involved students in developing the University website,
2. Being appointed as Nodal officer, NIRF, did my level best in collection and collation of data.
3. Being the Data Provider for Times and QS ranking have contributed my level best for submission of correct data
4. Being appointed as I/C Director of University Computerization Centre have contributed in taking up small projects like e meeting of management council, admission system, AQAR etc
5. OER portal developed. NSS portal server created. German department online admission server created and tested for online payment with NSDL.
6. Initiated an internship in UCC to develop smaller projects like billing information for finance, salary information for finance, centralized data capturing system, staff changes(this is completed), feedback system from all stake holders (under testing), career council and students grievances portal integrated in UCC server.
7. Laid down the network for the 1<sup>st</sup> floor of new exam hiuse, UGC HRDC of Shankarrao Chavan building, Boys's hostel.
8. Conducted all virtual meeting for University administrators and also helped in conducting the webinars of some of the departments
9. Regular help and guidance given to department and section staff in various IT usage
10. Conducted the interview in selecting a candidate for Alumni portal management of University of Mumbai under earn and learn scheme.

**b) Co-curricular Activities(Latest)**

1. One Day Online Workshop on Revised Syllabus of M.Sc IT Part II Sem IV on Deep Learning in association with Mulund College of Commerce
2. One Day Online Workshop on Revised Syllabus of M.Sc IT Part II Sem IV on Natural Language Processing in association with Vidyalkar School of Information Technology
3. Two-day National Symposium on "Cyber Security 2021" (NSCS2021) in collaboration with Vivek College of Commerce
4. Three Days Online Workshop on Aerial Robotics For Beginners In association with Inficorridor Solutions Pvt. Ltd.
5. National Science Day 2021
6. Debate Competition - 10-Mar-21
7. Webinar on Applications of AI, ML, IoT - 11-Mar-21

8. Webinar on Cyber Crime Awareness Program - 17-Mar-21
9. International Infothon Conclave 2K21 on Research Publications & Intellectual Property Rights in association with Thakur College of Science & Commerce
10. The Impact of Pandemic on Sustainability & Emerging Areas in IT" - UDIT Alumni Engagement Cell
11. Two Days Online Workshop on M.Sc. Information Technology Part II (Sem III) Choice Based Revised Syllabus 2020-21 in association with Thakur College of Science & Commerce, D.G. Ruparel College, Mulund College of Commerce, Vidyalkar School of Information Technology, B.N. Bandodkar College

**c) Enrichment of Campus Life:** (Hostels, sports, games, cultural activities) : Have encouraged students to always participate in the mentioned activities. Have conducted intra departmental programmes for the students to exhibit their talents in these activities. Some students have represented University at district level sports.

**d) Students welfare and discipline:** The department takes efforts in creating awareness about the various schemes for students in University like earn and learn scheme, and also on the freeship/scholarships which they can avail. Strict decorum is followed in the department as far as the dress code, behavior of the students with fellow students, teachers and staff.

**Publications (Latest):**

R. Srivaramangai & Ajay S Patil	Pre-processing of MRI Images of Colorectal Cancer	International Journal of Computer Science Issues (IJCSI) ISSN (Print): 1694-0814   ISSN (Online): 1694-0784
Srivaramangai, Ajay. S. Patil, Nita patil	Feature Extraction Of Colon And RectumCancer From MRI Images	International Journal of Advanced in Research Computer Science (IJARCS) EISSN:0976-5697
Srivaramangai. R, Rajendra B.Patil, Vilas T. Mahajan	Applications of various data mining techniques used in agriculture sector to increase productivity	International Journal of Research and Analytical Reviews (IJRAR) <a href="http://www.ijrar.org">www.ijrar.org</a>

		E-ISSN 2348-1269, P- ISSN 2349-5138
Rajendra B. Patil, R.Srivaramangai and Hiren Dand	Role of analytics in educational system	International Journal Of Advanced And Innovative Research (IJAIR)
Srivaramangai R Abhijeet Sudhakar ,Rajendra B. Patil,	An Exploration of Various Data Mining Techniques for Application in Child Healthcare	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878
Srivaramangai R Abhijeet Sudhakar, Rajendra B. Patil,	Descriptive Data Analysis of Contagious Diseases using Statistical Parameters	International Journal of Computer Science and Engineering (SSRG-IJCSE) ISSN: 2348 – 8387
Srivaramangai R, Ashwin Waradkar	Crowd Counting, Density Estimation and Analysis of Various Techniques	International Journal of Scientific & Engineering Research (IRSER) ISSN 2229-5518
Srivaramangai R Piyush Bhosale Sejal Nevrekar	Working of Multiple Face Recognition Systems and the Techniques	International research journal of advanced engineering and science (IRJAES) ISSN (Online): 2455-9024

### Some of the Earlier Publications in Conferences and Journals

- “Analyzing De-noising Techniques for MRI Images”, an International level paper submitted in Conference at ICRTITCS 2012, IEEE Publication.
- “Optimization of Financial Stock Using genetic Algorithm”, a national level paper submitted in Conference on IS at Bandodkar College, Thane.



- Cloud Computing with educational sector-a case analysis II”, a international level paper submitted in Mukesh Patel School of Technology and Management, Mumbai, IEEE Publication
- “Study and Proposal of Policies for Women’s issues in cyber crime” , an international paper submitted in UDL, Mumbai
- Cloud Computing with educational sector-a case analysis”, a national level paper submitted in Bharati Vidyapeeth, New Delhi
- “Assessment of Cognitive level for Alzheimer’s disease using Neural Networks”, an international paper submitted in ISMS2011, Malaysia, IEEE Publication
- Submitted University Grant Research project on “Unified Data processing from heterogeneous Data”
- “Integrated Network Security” – a state level paper submitted at S.I.E.S, Nerul College and presented the paper
- “The Basics of Artificial Neural Networks” – a paper submitted at Alpha College, Chennai for the workshop on latest trends

### **Sponsored Research Project**

01	Development of Image based software for analysis/characterization of chromosomal damage and micronuclei frequency for estimation of risk of carcinogens (Collaboration with BioPhysics Dept)	DST PURSE
02	Development of software for Red & White Blood cells identification and counting based on cell image(Collaboration with BioPhysics Dept)	DST PURSE

R. SRIVARAMANGAI