CURRICULUM VITAE

Dr. J. Hannah Monisha

Principal(i/c), Head & Asst. Prof, Department of Computer Science

Rajiv Gandhi College Arts and Science,
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Residential Address	:	No.124, Montorsier Street Puducherry 605001
Date of Birth	:	5th June 1973
Sex	:	Female
Nationality	:	Indian
Marital Status	:	Married

WORK PROFILE

ACADEMIC CONTRIBUTIONS

Contributions at the Level of Directorate of Higher and Technical Education(DHTE), Govt of Puducherry.

Date of Joining Government Service: 14.08.2001

- Initiated MOU between TCS and DHTE for conducting YEP training program to make students employable under CSR of TCS. 100 students attended training in the First round of trainng and 20 students were placed in TCS

- Member of the Expert Committee constituted by DHTE to conduct inspection to assess the suitability of granting NOC by Govt. for Starting New College/Course/Closure of existing courses.

- Been a Subject Expert for the Direct Recruitment of the College Teachers and Selection Committee Member of the recruitment committee DHTE, Government of Puducherry.

- Nominated from College for Best Teacher Award to DHTE during Teacher's day.

- Was selected to attended ICT Skill Development Summit 2014 sponsored by Directorate of Information Technology, Government of Puducherry
- Was nominated from college to attend special training on PFMS organized by DHTE, Puducherry
- Was nominated from college to attend special training to use the GeM portal for purchase of equipments organized by DHTE.
- Was a member of the Technical Procurement committee for purchase of computers for Government Colleges.

Contributions at College Level

- As the Senior most faculty of the college, has been Principal-in-charge of the Indira Gandhi College of Arts Science, during the absence of the Principal.
- Nodal Officer, Member of Board of Governors, Geo-tagging officer and member of Project monitoring committee for RUSA, Indira Gandhi College of Arts and Science, since 2015 till date. Got funding around 3 Crores for the Construction of New Building in the College
- NAAC Co-ordinator of Indira Gandhi College of Arts and Science during 2016 NAAC visit and earned B+ grade for the institution.
- Member of the IQAC committee at Indira Gandhi College of Arts and Science and conducted National Level Conference.
- Web site committee Convener of Indira Gandhi College of Arts and Science.

Contributions at University Level

- Member, Board of studies, Department of Computer Science, Pondicherry University from 2002 till date. Has made significant contribution in designing the syllabus for BCA from 2002 onwards till date.

Contributions to the Department of Computer Science

- Heading the Department of Computer Science at Indira Gandhi College of Arts and Science from 2001. Made significant contributions to the department.
  - ❖ Established the computer lab during the inception of the college and maintaining from then on.
  - ❖ Started an association, TECHNOCLAN in the department and conducted various programs such as invited Talks, Intra Collegiate competitions, industry –institute interface, personality development programs
  - ❖ Released department magazine every year with lot of technical content.

- ❖ Motivated the students to participate in Inter-collegiate Competitions.
- ❖ Conducted "What Next?" program for the final year students every year to help them decide their future either on Job or higher education.
- ❖ Conducted Alumni meet regularly and always in the touch with alumni of the department. There are even few well placed alumni who give financial support to the poor students of the department.
- ❖ Organized and Accompanied the Students regularly for field visits.
- ❖ Initiated and maintaining a small terrace garden in the department to inculcate the habit of growing plants among the students.
- ❖ Mentoring and counseling students with behavioral issues
- ❖ Encouraging slow learners by following "twin angel" system where a good scoring student is paired with a slow learner to help them academically.
- ❖ Consistency maintained the Results of the department at around 90-100% for the past 17 years.
- As a faculty member, produced 85-100% results every semester in all papers handled.
  - ❖ Created E-Content for the students. Notes and assignments were sent to the student's mail id.
  - ❖ Question bank was compiled and students were trained to pass the subject.
  - ❖ Guided at least 3 to 4 groups of final year student's in their Projects every year. Students were motivated to take real time projects. Got them projects from Government sectors such as Women and Child welfare department, Stores department of GH, Puducherry etc.. Certificates are filed along with their Project reports.
  - ❖ Conducted class in an interactive way using various techniques such as group discussions, role plays, seminars and brain storming method.

OTHERS

- Active member of the Haggai International. As an active member of the Executive Council organized various National Level Leadership Training Programmes.
- Member of ACM- CSTA (Computer Science Teacher's Association) NY,USA
- Been Chief Guest to various colleges and schools during various occasions.
- Delivered Technical Guest lectures on Various Topics at various Forums.

EDUCATIONAL PROFILE

Degree/Qualifying Exam	% of Marks	Year of passing	University/Institution	Subject
SSLC	79.2	1988	Bentinck Girls Hr. Sec. School. Chennai	
HSC	79.42	1990	Bentinck Girls Hr. Sec. School. Chennai	
B. Sc	68.6	1993	Women's Christian College, Chennai.	Comp. Sci
M.Sc	76.67	1995	A.V.C College, Mayiladudurai.	Comp. Sci
M.S [IT]	74.6	2002	Bharathidasan University.	Info Tech
M. Phil	65.4	2006	Alagappa University	Comp. Sci
Ph.D	Highly Commendable	2014	Mother Teresa University	Comp.Sci

PH.D RESEARCH TITLE: *Enhanced MAC Layer Techniques to support Differentiated Services in Mobile Ad hoc Networks.*

AREA OF RESEARCH: *Mobile Ad hoc Networks, Scheduling Algorithms, QoS.*

NET/SLET – NA

ACADEMIC EXPERIENCE
Total teaching experience of **Twenty one years (21 yrs)**

S.NO	NAME OF THE COLLEGE	From	To	POST HELD
1	Indira Gandhi College of Arts and Science., Government of Puducherry.	Aug 2001	Till Date	Asst Prof & Head of the Department
2	Women's Christian College., Chennai	Jun 2001	Aug 2001	Lecturer & In-Charge of the Department. Self financing Stream
3	Alpha Arts & Science College., Chennai	Jun 1999	May 2001	Lecturer & Head of the Department

4	Stella Maris College., Chennai	1997	1999	Lecturer & Head of the Department

PUBLICATIONS – ARTICLES

International

1. Hannah Monisha. J., "Role of Teachers in evolving an e-world without piracy and with privacy.", ACM CSTA Voice, March '07 issue.

Online

1. J. Hannah Monisha. "How Safe Are You In The Cyberspace? Get To Know About Online Privacy." *EzineArticles* June 2006.
  <http://www.ezinearticles.com/?How-Safe-Are-You-In-The-Cyberspace?--Get-To-Know-About-Online-Privacy&id=218993>**.**
2. Hannah Monisha J. "Parents, Teens and Cyberspace", *Ezinearticles,* July 2006 http://www.ezinearticles.com/?Parents,-Teens-and-Cyberspace&id=239031

National

1. Hannah Monisha J., "Copyrights, Legal Issues and Intellectual Property", Proceedings of the National Seminar on Intellectual Property Rights, Sponsored by MHRD(Feb, 2006).

PUBLICATIONS – RESEARCH PAPERS

International Journals

1. Dr. J. Hannah Monisha , "**Integrated Qos Enhanced Differentiated Mac Model For MANETS**", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 16 (2015) pp 37128-37134 SCOPUS indexed.
2. Hannah Monisha J. and Rhymend Uthariaraj V. "**A Novel MAC layer-based Reputation System for MANETs",** International Journal of Computer Applications (IJCA), ISBN: 973-93-80878-28-3, Vol. 80, No.8, pp.13-18, (October 2013).   IF: 0.814
3. Hannah Monisha J. and Rhymend Uthariaraj V. "**Adaptive Mac Layer Techniques to Support Multiple Priorities in MANETs.**" *IJCA* Special Issue on International Conference on Communication, Computing and Information Technology ICCCMIT(1):28-34, February 2013.
4. Hannah Monisha J. and Rhymend Uthariaraj V., "**CREW: A Cloud based Revenue model for Rural Entrepreneurial Women in India**", International Journal of Cloud Computing and Services Science (IJ-CLOSER), ISSN: 2089-3337, Vol.1, No.3, pp.142-147, (August 2012).

5. Hannah Monisha J. and Rhymend Uthariaraj V., "**Diagnosing MAC Misbehavior in Mobile Ad Hoc Networks using Statistical Methods.**", International Journal of

Computer Science and Network Security (IJCSNS), ISSN: 1738-7906, Vol.12, No.5, pp.1-9, (May 2012).

6. Hannah Monisha J. and Rhymend Uthariaraj V., "**Enhanced MAC Parameters to Support Hybrid Dynamic Prioritization in MANETs**", International Journal of Computer Applications (IJCA), ISBN: 973-93-80868-53-8, Vol. 45, No.18, pp.35-41, (May 2012). IF: 0.814

7. J. Hannah Monisha and V. Rhymend Uthariaraj, "**User Profile based Proportional Share Scheduling and MAC protocol for MANETs.**", International Journal of Distributed and Parallel Systems, vol.3, No.1., pp.269-283, January 2012.

International Conference

1. Hannah Monisha J. and Rhymend Uthariaraj V., "**Adaptive MAC Layer Techniques to Support Multiple Priorities In MANETs**", Proceedings of the International Conference on **Communication, Computing And Information Technology (ICCCMIT 2012)** by M.O.P.Vaishnav College for Women (Autonomous), Chennai. (December, 2012).

2. Hannah Monisha J. and Rhymend Uthariaraj V., "**A Dynamic Scheduling model for MANETs using Order Statistics.**", Proceedings of the IEEE-International Conference on Recent trends in Information Technology(ICRTIT 2012) by Anna University, MIT Campus, (April, 2012).

3. L. Jessilla Malarvizhi, J. Hannah Monisha., Rhymend Uthariaraj V., "**eGG: A GRID Economic Model for Effective E-Governance IT Infrastructure Utilization** ", Proceedings of the UGC-International Conference on Digitalising Administration: Challenges and issues in E-Governance by Presidency College, Chennai. (March, 2008).

4. Hannah Monisha J., L. Jessilla Malarvizhi "**GRIP**: A **GRI**D based **P**rofitable Model for Women Empowerment", Proceedings of the International Conference on Researching for transformation of society by Mother Teresa Women's University. (Feb, 2008).

National Conference

1. Hannah Monisha J. and Rhymend Uthariaraj. V "**Starvation Avoidance using Proportional Bandwidth Sharing and Prioritized MAC protocol for MANETs**", Proceedings of the National Conference on Futuristic and Advanced Computing Technologies (c-Fact 2012), by Loyola College (March, 2012).

2. Hannah Monisha J., Jessilla Malarvizhi .L and Rhymend Uthariaraj .V, "**A Customer-Driven, Value-Based Pricing Model for Cloud Computing Services**", Proceedings of the National Conference on Researching for transformation of society by Women's Christian College (Sept, 2009).

Short Term Courses Attended

1. Attended UGC Sponsored 'Orientation course' on 'Value Education' from 14th November – 11th December 2002 at Academic staff college, Pondicherry University

2. Attended AICTE Sponsored Short term Quality Improvement Programme On 'Advances in Multimedia Computing' from 22nd November - 5th December 2004 at Pondicherry Engineering College.

3. Attended UGC sponsored Refresher Course from 18.01.2006 to 07.02.2006 at Academic staff College, Pondicherry University.
4. Attended UGC sponsored Refresher Course from 05.01.2011 to 25.01.2011 at Academic staff College, Pondicherry University.
5. Attended UGC sponsored Refresher Course from 30.07.2014 to 19.08.2014 at Academic staff College, Pondicherry University.

Workshops/Conferences/ Faculty Development Programme(FDP) Participated

S.No	Work/Conf/FDP	Date	Topic	Conducting Institute
1.	FDP	15.11.06	Computer Science	Pondicherry University
2.	Workshop	28.03.07 29.03.07	Grid Computing	Pondicherry University
3.	Workshop	24.08.07	Research Orientation for Ph.D Scholars	Mother Teresa Women's University.
4.	International Conference	14.12.08	Advanced Computing & Communication	Department of IT, Anna University, MIT Campus, Chennai
5.	Workshop	29.01.08	Research Orientation for Ph.D Scholars	Mother Teresa Women's University
6.	FDP	23.04.10 24.04.10	Cloud Computing	Velammal Engineering College, Chennai
7.	Workshop	25.06.10 26.06.10	Research Practices on Topics in Mathematics	Madras Christian College, Chennai
8	Workshop	17.02.12	Virtualization & Scalability in Cloud Computing	Kanchi Mamunivar Centre for Post Graduate Studies, Puducherry
9	Summit	08.01.14	ICT Skill Development Summit 2014	Sponsored by Directorate of Information Technology, at Hotel Anandha Inn, Puducherry.
10	Symposium	31.10.15	Technology Enabled Higher Education: Opportunities and challenges	Indira Gandhi College of Arts and science, Puducherry

11	Workshop	10th & 11th Aug, 2018	Social Nework Analysis	Women's Christian Collge, Chennai

Workshops/Conferences Organised

S.No	Date	Role	Topic
1.	31.10.15	Organizing Member	National Symposium On Higher Education In India: Opportunities And Challenges
2.	30.03.16	Organizing Member	One Day Workshop On Personality Development under RUSA
3.	29.01.16	Member of Advisory Committee	National Conference on Recent trends in Information Technology organized by Saradha Gangadharan College, Puducherry
4.	09.02.17	Chairperson for a session	National Conference on "Gender Equality and Gender Related Issues "at Sindhi College of Commerce, Bengaluru
3.	11.08.17 to 11.10.17	Organizing Member	Two month Self defense training for women in Taekwondo sponsored by RUSA
4.	13.11.17 to 17.11.17	Organizing Member	5 days Orientation Programme for First year students under RUSA