

CURRICULUM VITAE

Reshma Chandran P

M.Sc Biochemistry

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OBJECTIVE

I am seeking a challenging carrier in an esteemed Organization through diligence; perseverance and hard work blended with logical approach at the same time get an opportunity to enhance my knowledge in the field of Biochemistry.

EDUCATIONAL QUALIFICATION

Bharathiar University

Master of Science in Biochemistry (2009-2011)

Marks Scored: 73.04%

University of Calicut

Bachelor of Science in Biochemistry (2006-2009)

Marks Scored: 84%

TRAINING/ EXPERTISE

- Post Graduate Diploma in **Nanotechnology** from Dr.N.G.P Arts and Science College, Under **Bharathiar University**.
- I have attended one month Summer Training Programme (Theory and Practical) in **Amala Cancer Research Centre** Thrissur.

ACADEMIC PRESENTATIONS

- The project entitled” **Cytotoxic and antitumour analysis of *Miquelia dentata* Bedd**” Has been carried out to determine *Invitro* cytotoxicity of ethanol extract of *M.dentata* leaves using DLA and EAC cells and its antitumour activity in Ascites and Solid tumour models.

- The project entitled “**Green Synthesis of Silver nanoparticles using Boerhavia diffusa and its Antimicrobial activity**” to synthesize silver nanoparticles and to determine its activity against different pathogenic organisms

EXPERIENCE

St.MARY’S COLLEGE THRISSUR

I am currently working as a guest lecturer in Biochemistry department. (20.10.2014 to till date)

AMALA AYURVEDIC HOSPITAL AND RESEARCH CENTRE THRISSUR

Quality Controller; advisor Dr.C.I Jolly
(1.09.2011-15.10.2014)

- Standardization of Ayurveda Medicines
- Herbarium Related activities
- Guidance to project students
- Publication of new research articles. (Phytochemical screening and antimicrobial activities of medicinal plants)

PRACTICAL SKILL

- **Biochemical Techniques** ; Estimation of proteins, lipids, glucose, aminoacids, DNA, RNA, Photochemical screening tests, Antioxidant assays.
- **Microbiological Techniques:** Isolation of microorganisms from different sources, Identification like Staining, Biochemical assay, Culture maintenance and all Sterilization technique. MPN technique, IMViC test, Antibiotic Sensitivity assay, plating techniques.
- Immunological Techniques: ELISA, immunodiffusion, immunoelectrophoresis, detection of blood group.
- **Recombination techniques:** Isolation of genomic DNA, transformation in E.coli, Isolation of plasmid DNA, Southern Hybridization, Western blotting, Restriction digestion.

- **Clinical Techniques:** Determination of serum enzymes, Estimation of Cholesterol, urea and creatinine, blood and urine analysis for abnormal constituents.
- **Separation Techniques:** Paper chromatography, Thin layer chromatography and Gel electrophoresis.

ACHIEVEMENTS

- Louis Pasteur Memorial National Symposium on Communicable Diseases and its Control measures Sponsored by ICMR, CSIR& KMCH held at Dr.N.G.P Arts and Science College Coimbatore.
- National Cancer Congress: Genetics, Diagnosis and Therapy Sponsored by ICMR held at Dr.N.G.P Arts and Science College Coimbatore.
- Association for Cancer Research Satellite meeting on Inhibition of Tumor Progression at Amala Cancer research centre, Thrissur.
- Bio Entrepreneurship Summit held at Dr.N.G.P Arts and Science College Coimbatore.
- UGC sponsored National seminar on Techniques in BioSciences held at KKTU Govt. College, Kodungallur.
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PRESENTATIONS AND PUBLICATIONS

- Oral Presentations on Syphilis-A Review in a National Symposium on Communicable Diseases and its Control measures held at Dr.N.G.P Arts and Science College Coimbatore.
- Poster presentation on Phytochemical and antimicrobial studies on *Curcuma longa*, *Curcuma aromatica* and *Coscinium fenestratum* in a National seminar entitled Techniques in BioSciences held at KKTU Govt. College, Kodungallur.

COMPUTER SKILLS

BAISIC Programming

MS office

STRENGTH

- Punctuality
- Experienced
- Ready to learn new facts

- Disciplined
- Confident about completing work in time

PERSONAL DETAILS

Name : Reshma Chandran P
Sex : Female
Date of Birth : 22.10.1988
Nationality : Indian
Religion : Hindu
Marital status : Single
Languages Known: English, Hindi, Malayalam and Tamil
Permanent address: Pandayi vattavalappil (H), Koonammuchi (PO)
Pannissery, Thrissur, Kerala PIN: 680504

REFERENCES

1. Dr.C.I Jolly
Scientific Advisor
Amala Ayurvedic hospital and Research Centre
09995019840
2. Dr.S.Suja
HOD, Department of Biochemistry
Dr.N.G.P Arts and Science College, Coimbatore

I hereby declare that all the information provided by me in this application is correct and truthful to the best of my knowledge and belief