

CURRICULUM VITAE

Meghana Rose Joseph

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A dedicated forestry specialist trained in Forest management, Wildlife sciences, Wood science, Agriculture, Soil science, Tree physiology, Agroforestry, Silviculture and Nanotechnology. Ambitious, adaptive and quick learner looking for an opportunity to gain maximum knowledge and to build a forestry/environment-oriented career. Self-motivated, inquisitive and enjoys coming up with create and innovative solutions when confronted with challenges.

=====PERSONAL INFORMATION=====

Father: Dr. Joseph M. J (Retd.Scientist)

Mother: Dr. Sherly M.D (Retd. Associate Prof)

Spouse: Dr. Pavin Praize Sunny (Assistant Prof (contract) Wood science & Technology, Kerala Agricultural University, Vellanikara, Thrissur)

DOB: 3rd January 1994

Permanent Address: Makkolil House, SMRRA-20, Koorkenchery P.O, Thrissur-680007, Kerala, India

===== EDUCATION =====

EXAMINATION PASSED	YEAR OF PASSING	% OF MARKS
M.Sc. Forestry (Natural Resource Management) Kerala Agricultural University, Vellanikkara, Thrissur College of Forestry, KAU, Vellanikkara	2019	86%
B.Sc (Hon) Forestry Kerala Agricultural University, Vellanikkara, Thrissur College of Forestry, KAU, Vellanikkara	2016	82%
Higher Secondary Certificate (science) Board of public examination, Kerala Sacred Heart Convent G.H.S.S. Thrissur	2012	95%
Secondary School Leaving Certificate Board of public examination, Kerala Sacred Heart Convent G.H.S.S. Thrissur	2010	90%

EXPERIENCES IN RELEVANT FIELDS

Sl. No	Post	Institution	Works undertaken	Duration
1.	Project assistant	Kerala Forest Research Institute, Peechi, Thrissur. (KFRI)	Field work including sample collection, identification of local vegetation, project report for the restoration of Eucalyptus and Acacia plantations of KFDC	3 months Jan-March 2022
2.	Research intern	IISER- Tirupati	Bird identification, vegetation sampling at various shola plots in national parks at Munnar for the project “Modified Landscapes In Tropical Mountains And Their Regenerative Role For Native Biodiversity”	1 month
3.	Project intern	IIUCNN-Kottayam	Development and characterization of natural resin-based nanocomposite	6 months
4.	Volunteer	Kerala Forest Department	Nilgiri Tahr census - 2014	7 days
5.	Volunteer	Satpura Tiger Reserve	Butterfly survey- 2017	3 days

RESEARCH EXPERIENCES AND SKILLS

PUBLICATIONS

1. **Research Publication:** ‘Development and Characterization of Cellulose Nanofibre Reinforced Acacia Nilotica Gum Nanocomposite’, **Journal:** Industrial Crops and Products (Elsevier) Impact factor: 5.67

Joseph, M.R., Nizam, P.A., Gopakumar, S., Maria, H.J., Vishnu, R., Kalarikkal, N., Thomas, S., Vidyasagan, K. and Anoop, E.V., 2021. Development and characterization of cellulose nanofibre reinforced Acacia nilotica gum nanocomposite. *Industrial Crops and Products*, 161, p.113180.

2. Has been a part of working group for the preparation of Guidelines for Carbon-Neutral Educational Campuses for Global Youth for Environment and Sustainability Organization. Feb-March 2021

FIELD SKILLS

- Tree and Plant identification
- Expert in identifying butterflies, birds
- Trekking
- Vegetation assessment

SOCIAL SKILLS

- Good communication skills earned through group discussions, debates, seminars, power-point presentations and good social inter mingling skill.

COMPUTER SKILLS AND COMPETENCES

- Good command of Microsoft Office (PowerPoint, excel and word)
- Expertise in using GPS, remote sensing and GIS software ArcGIS

POSITION OF RESPONSIBILITY HELD

- Under officer at National Cadet Corps, 1 (K) R&V SQN NCC (2013-2015), Mannuthy, Thrissur
- Patrol Leader, Bharat Scouts and Guides, 2nd SH Guide company, Thrissur
- Vice president- Students Union (2014-2015) College of forestry, Thrissur

LANGUAGE PROFICIENCY

Malayalam: Mother tongue

Read, write and speak

English, Hindi

Read, write and speak

Tamil

speak

ATTENDED CONFERENCES

- **International Conference on Nanomaterials: Synthesis, Characterization and Application** Kottayam, Kerala
(IIUCNN, Mahatma Gandhi University, Kottayam) May, 2018
- **National Seminar on Wild Edible Fruits of Western Ghats: Conservation and utilization** Ponnampettu, Karnataka
Poster presentation March, 2018
(College of forestry, Ponnampett, Karnataka)
- **National Conference on innovations in biodiversity conservation in Indian scenario** March, 2018
(St. Aloysius College, Elthuruth, Thrissur) Thrissur, Kerala

PARTICIPATION AND ACHIEVEMENTS

- Secured silver and bronze medal in National Equestrian Championship held at NCC Republic Day Camp, New Delhi, 2015,2016
- NCC 'C' Certificate with A grade
- Participated in Prime minister's rally at New Delhi-2015,2016
- Gold and silver in 400m race and 1500m race respectively in Intercollegiate athletic competitions-2018,2015
- Gold medal in 4x400m relay and 4x100m relay in Intercollegiate athletic competitions-2015
- Bronze medals in Lawn tennis at Kerala State School Athletics and Games-2010,2012
- Rashtrapathi guide and Best Guide Award-2010

REFERENCES

Dr. Gopakumar S.

Professor and Head.
Dept. of Natural Resource Management,
College of Forestry,
Kerala Agricultural University, Vellanikkara,
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Dr. Sreekumar V.B

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