CURRICULUM VITAE

Dr. Mahesh C Partapure
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OBJECTIVE:

- To work in an organization where I can share and gain knowledge.
- Seeking a position to utilize my skills & abilities that offer professional growth while being resourceful, innovative & flexible.

ACADEMIC PROFILE:

EDUCATIONAL BACKGROUND:

- Doctor of Philosophy (**Ph.D.)** degree in Electronics **(Physics),** from Gulbarga University, Kalaburagi.
- Master of Philosophy (**M.Phil**.) from the Department of Electronics **(Physics)**, Gulbarga University, Kalaburagi.
- Master of Science (**M.Sc.)** in Electronics **(Physics),** First class with Distinction from Gulbarga University.
- Bachelor of Science (**B.Sc.**) in First class from SSKB College, Basavakalyan from Gulbarga University.

Degree	University	Specialization	Class	Year of passing
Ph.D.	Gulbarga University, Kalaburagi	Electronics **(Physics)**	----	2016
M.Phil.	---do---	Electronics **(Physics)**	-----	2010
M.Sc.	---do---	Electronics **(Physics)**	First class with distinction	2008
B.Sc.	---do---	**Physics,** Mathematics, Electronics	First class	2006

PROJECTS SUMMARY:

M.Sc. Project Title**: "Water Level Control by Using Microcontroller".**

M.Phil. Dissertation Title**: "Design and Development of Industrial Pollution Monitoring System Using PIC 16F877 Microcontroller".**

Ph.D Title: Some studies on microstrip antennas using proximity coupled feeding technique.

Specialization:

Basic Electronics, Fundamental of physics, Semiconductor devices, 8-bit & 16-bit Microprocessors, 16-bit Microcontroller, Digital Communications, Microwave Electronics and Applications, Fiber Optic Communications, DSP, Electromagnetic and Antennas,

Teaching Experience:

- 3.8 years teaching experience to PG students during Ph.D., in Department of Electronics, Gulbarga University, Kalaburagi.
- 2 years teaching experience to M.sc Nanotechnology students, Walchnad college of Arts and Science, Solapur.

Presently Working:

Name of the staff	Department	Subject	Institution	Present Salary	Expected Salary
Dr. Mahesh C Partapure	**Nanotechnology**	**Physics**	**Walchnad college of Arts and Science, Solapur**	**40,000**	**As per UGC/AICTE**

Publications:

International Journal Papers:

1. **Mahesh C P,**Mallikarjun S L, Dinesh B G, Hadalgi P M and Hunagund P V "Proximity Coupled Equilateral Triangular Microstrip Antenna for Mobile WiMax IEEE 802.16" ***International Journal of Ethics in Engineering & Management Education, vol. 1, Issue 4, pp. 392-394, April 2014***.[ISSN: 2348-4748] **[IF: 2.76].**

2. **Mahesh C P**, S L Mallikarjun, P M Hadalgi and P V Hunagund "Analysis of Proximity Coupled Equilateral Triangular Microstrip Antenna" ***International Journal of Research in Engineering and Technology [IJRET], Vol. 3, Special Issue: 03, pp. 226-228, May-2014.*** [ISSN:2321-7308] **[IF: 1.962].**

3. **Mahesh C P** and P M Hadalgi "Proximity Coupled Equilateral Triangular Microstrip Antenna using Diamond Shape Slot for Dual Band Operation" ***International Journal of***

Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 3, pp. 13115-13119, Issue 11, November 2014.[ISSN: 2320-3765] **[IF: 1.69].**

4. **Mahesh C P** and P M Hadalgi*"*Design and Implementation of Inverted U-Shaped Slot Loaded Proximity Coupled Equilateral Triangular Microstrip Antenna for triple band Operation*"* ***International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 3, pp. 14089-14093, Issue 12, December 2014***.[ISSN: 2320-3765] **[IF: 1.69].**

5. **Mahesh C P** and P M Hadalgi " Parallel slot loaded on proximity coupled equilateral triangular Microstrip antenna for dual band operation" ***International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4 Issue 2, pp. 990-993, February 2015.****[ISSN:2320-3765]***[IF: 1.69].**

6. **Mahesh C P** and P M Hadalgi "Design and Development of Proximity Coupled equilateral Triangular Microstrip Antenna for Quad Band operation and Enhancement of Bandwidth" ***International Journal of Innovation Research in Computer and Communication Engineering, Vol. 3, Issue 2, pp. 1079-1084, February 2015.***[ISSN: 2320-9798] **[IF:4.447].**

7. **Mahesh C P** and P M Hadalgi "Slot Loaded Proximity Coupled Equilateral Triangular Microstrip Antenna for Quad Band Operation and Enhancement of Bandwidth" ***International Journal of Electrical and Electronics Engineering Research (IJEEER), Vol. 3, Issue 2, pp. 19-24, Apr 2015.*** [ISSN: 2250-155X] **[IF: 5.9638].**

8. **Mahesh C P** and P M Hadalgi, "Cross slot loaded proximity coupled equilateral triangular Microstrip antenna for enhancing bandwidth", ***International Journal of Science and Research (IJSR), Vol. 4, Issue. 4, pp.3154-3157, April 2015.*** [ISSN: 2319-7064] **[IF: 4.438].**

9. **Mahesh C P** and P M Hadalgi, "Bandwidth Enhancement of T-slot loaded proximity Coupled equilateral triangular Microstrip antenna for multiband operation", ***International Journal of Scientific Research****, Vol. 4, Issue. 5, pp. 3-5, May 2015.* [ISSN: 2277-8179] [IF: 3.2].

10. **Mahesh C P** and P M Hadalgi, "Design and development of horizontal T-shaped slot loaded proximity coupled equilateral triangular Microstrip antenna for triple band operation*",* ***A special issue of society for promotion of excellence in electronics discipline (SPEED) Journal of research in electronics (2015), pp. 13-15.*** [ISSN: 2349-8226].

11. **Mahesh C P** and P M Hadalgi, "Slot loaded proximity coupled equilateral Triangular Microstrip antenna for penta band operation", ***International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, Issue 8, August 2015, pp. 7351-7356.*** [ISSN-2320-3765] **[IF-5.016]**.

12. **Mahesh C P** and P M Hadalgi, "Enhanced bandwidth proximity coupled equilateral triangular Microstrip antenna loaded with horizontal rectangular ring slot", ***International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 8, August 2015, pp. 7694-7699.***[ISSN: 2320-9798] **[IF: 5.618].**

13. **Mahesh C P** and P M Hadalgi, "Bandwidth enhancement by slot loaded proximity coupled equilateral triangular Microstrip antenna for IMT/WIMAX/SAR applications, ***International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 8, August 2015, pp. 7700-7705.***[ISSN: 2320-9798] **[IF: 5.618].**

14. **Mahesh C P** and P M Hadalgi, "Vertical rectangular ring slot loaded proximity coupled equilateral triangular microstrip antenna for wireless applications", ***International Journal of Scientific Research, Vol. 4, Issue. 9, Sept 2015, pp. 146-148.*** [ISSN: 2277-8179] **[IF: 3.24].**

15. Tayyab Ali, **C. P. Mahesh**, A. Venkatraman "Preparation and Photocatalytic Activity of Aluminum Oxide (Al2O3) Nanoparticles" ***Asian Journal of Applied Research vol. 4(1), PP. 4-6, April, 2018.***

16. Tayyab Ali*, **Mahesh C P**, Madhuri Sharon and Maheshwar Sharon "Preparation And Photocatalytic Activity Of Al2o3/ Sio2 Nanoparticles", ***International Journal Of Engineering Sciences & Research Technology ISSN: 2277-9655 vol. 7(2): February, 2018 [Impact Factor: 5.164].***

17. **Mahesh C P**, Mohsina M Shaikh, Maheshwar Sharon and Madhuri Sharon "Zinc Nanoparticles Loaded Rectangular Microstrip Antenna for Multiband Operation" ***International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue V,pp. 261-264, May 2018, ISSN: 2321-9653; Impact Factor: 6.887.***

18. **Mahesh C P**, Pooja Mali, Maheshwar Sharon and Madhuri Sharon "Enhancement of Bandwidth of Equilateral Triangular Microstrip Antenna using Nanoparticles", ***International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 6 Issue V, pp. 257-260, May 2018, ISSN: 2321-9653; Impact Factor: 6.887.***

19. **Mahesh C P,** Madhuri Chavan, Maheshwar Sharon and Madhuri Sharon, "Design and Fabrication of Rectangular Microstrip Antenna using Zinc Nanoparticles for Wireless Applications and Enhancement of Bandwidth" ***International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue V, pp. 261-264, May 2018, ISSN: 2321-9653; Impact Factor: 6.887.***

20. **Mahesh C P**, Shweta Kalase, Maheshwar Sharon and Madhuri Sharon, "Employing Iron Nanoparticles on Equilateral Triangular Microstrip Antenna for Multiband Operation", ***International Journal for Research in Applied Science & Engineering Technology***

(IJRASET), Volume 6 Issue V, pp. 253-256, May 2018, ISSN: 2321-9653; Impact Factor: 6.887.

National Conferences:

1. **Mahesh C. P**., Mallikarjun S. L., Dinesh B. G., Hadalgi P. M. and Hunagund P. V., "Proximity Coupled Equilateral Triangular Microstrip Antenna" ***Proc. of UGC Sponsored National Conference on Recent Trends in Electronics and its Applications –NCRTEA-2014, GFGC, K. R. Pura, Bangalore, pp.94-97, 14th and 15th March 2014.***[ISBN: 978-93-81437-98-8].

2. **Mahesh C. P.,** Mallikarjun S. L., Dinesh B. G., Hadalgi P. M. and Hunagund P. V., "Proximity Coupled Equilateral Triangular Microstrip Antenna for Mobile WiMax IEEE 802.16" ***Proc. of National Conference on "Recent Advances in Science & Technology(NCST-2014)" Bheemanna Khandre Institute of Technology, Bhalki, pp. 887-889, 22nd and 23rd March 2014.*** **[ISBN:978-81-921740-3-7].**

3. **Mahesh C P,**S L Mallikarjun, P M Hadalgi and P V Hunagund "Analysis of Proximity Coupled Equilateral Triangular Microstrip Antenna" ***Proc. of National Conference on Recent Innovations in Engineering & Technology(NCRIET-2014), Bheemanna Khandre Institute of Technology, Bhalki, Karnataka, India, 3rd and 4th May 2014.*** **[ISBN: 978-1-63041-810-6].**

4. **Mahesh C P** and P M Hadalgi"Design and Development of Horizontal T-shape slotLoaded proximity coupled equilateral triangular Microstrip antenna for triple band operation" ***National Conference on Advances in Wireless Sensor Network and its Applications(NCAWSNA-2014)12 &13 December, 2014.***

5. **Mahesh C P**, P M Hadalgi and P V Hunagund "Slot loaded coupled equilateral triangular Microstrip antenna for dual band operation" ***7th Annual KSTA Conference February 5-6, 2015.***

6. **Mahesh C P** and P M Hadalgi, "U-slot loaded proximity coupled equilateral triangular Microstrip antenna for multiband operation", ***National conference on advanced trends in electronics and computer science (NCATECS-2015), Basavakalyan Engineering college, Basavakalyan, 9 and 10 May 2015.***[ISBN:978-1-63415-776-6].

7. **Mahesh C P** and P M Hadalgi, "Triple circular-slot loaded proximity coupled equilateral triangular microstrip antenna for wireless applications", ***8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, November 5-6, 2015.***

8. **Mahesh C P** and P M Hadalgi, "Inverted right side L-slot loaded proximity coupled equilateral triangular microstrip antenna", ***Evolving Trends and Challenges in Science Education and Research – an Exploration (NCSER-2016), pp. 167-169, 2016.*** [ISBN: 978-93-85629-14-3]

PERSONAL PROFILE:

Name	: Dr. Mahesh C Partapure
Father Name	: Channamallappa Partapure
Nationality	: Indian.
Date of Birth	: 10-06-1985
Sex	: Male.
Qualification	: M.Sc, M.Phil, Ph.D (Electronics/**Physics**)
Marital status	: Married
Languages Known	: English, Kannada, Marathi and Hindi
Permanent Address	: Dr. Mahesh C Partapure At :post- Hudgi Tq: Humnabad Dist: Bidar, Karnataka pin code: 585329

I hereby declare that above mentioned details are correct and complete to the best of my knowledge.

Dr. Mahesh C Partapure

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