

## Short Profile - Dr. T.C.Manjunath, Ph.D. (IIT Bombay).....

### A small recap & overview .... 101-point achievements in administrative / academic / research career..

1. 35+ yrs academic teaching research admin experience in Engg. Colleges
2. 10 yrs as Ex-Principal in Engg. Colleges
3. 8 yrs as Prof. & HOD of ECE Dept
4. 17 yrs as Lecturer/AP/ASP in ECE Dept
5. 19 years as R & D Head, i.e., as Head of VTU Research Centre
6. M.E. First Rank, Gold Medallist FCD (Automation, Control & Robotics) – 95%
7. Currently, working as Prof. of CSE (IoT CS & BCT) in Rajarajeswari College of Engg. (Autonomous) & as Dean Research (R &D) for the entire campus since > 1yr.
8. Having 10+ years' experience in autonomous engg. colleges & with TEQIP
9. Having 35+ years in university affiliated engg. colleges in India
10. 1500+ research paper publications (Journals/Conferences/Book Chapters/Books/Monographs)
11. >300+ research papers on AI, ML, IoT, Robotics & CSE/ISE related out of 1500+ papers
12. 25 text books published with editions, developed all lab manuals
13. Written text books on AI, ML, DL, CV, DIP, DSP, Robotics Communications, RM, Computer Vision
14. 40 awards obtained
15. >100 book chapters published
16. 330+ documents, 780+ citations, H-Index of 14 .... (Scopus, SCI, WOS, IEEE, Springer, Wiley, Elsevier, Q series, etc.) & 16,000+ citations, H-Index of 50+, i10 Index of 370+ ..... (Google Scholar)
17. 75+ IEEE Conference Publications in Digital Library (IEEE Explore)
18. 175+ Patents (Indian, UK, & Australian), filed, published
19. 15 Patents Granted, rest filed & published
20. Springer Monograph, "Modelling, Control & Implementation of Smart Structures – A FEM SS Approach", Vol. 350, LNCIS, Germany, costing Rs. 20K+
21. Brought 4 Karnataka State Govt KSCST SPP Projects & completed it
22. Brought 1 VGST, GOK FDP Proposal for Rs. 1 Lakh & completed it (when worked as Principal)
23. Rs. 30.5 Lakhs Funded DST Project from IITB-TiH-IoT on Security using Quantum Computing in IoT Devices
24. Awarded the best research scholar award amongst all researchers from all the departments in entire IIT Bombay in 2006
25. Produced 10 doctorates (PhD's) from VTU
26. Guiding 5 PhD's currently in VTU
27. Best paper awards & other awards – 40 times
28. Developed labs worth Rs 50L free hardware from industry (INTEL) with colleagues, where worked
29. Developed labs worth Rs 30L free software from industry (Mentor Graphics) with colleagues, where worked
30. Member / Life Member / Fellow of 30 Professional Chapters
31. Fellow of Institution of Engineers (FIE) & (AIMEE)
32. Fellow of Institution of Electronics & Telecommunication Engineers (FIETE)
33. Chartered Engineer from Institution of Engineers (CE)
34. Sr. Member of IEEE (USA) since 25 yrs
35. More than 100+ Editorial board & Reviewer board member in journals & conf.
36. Class obtained : 1 Std. to B.E. (all FC), M.E. (FCD-First Rank), Ph.D. (8.13), FC-16 times, FCD-3 times.
37. Studied Sanskrit 5 years – First Language (VIII to PUC)
38. Studied Hindi 3 years – Third Language (VIII to X)
39. Taught majority of the subjects in ECE/EEE/CSE/ISE/IT related ones
40. Developed >1000+ programs on Robotics in C/C++/Matlab (in CD with Robotics Text-Book....released in year 2000)
41. Alumni – Primary School (St. Thomas), High School (VVS), PUC (MES), RVCE (UG-BE) & Govt's LDCE - Ahmedabad, Gujarat (PG-ME) & Ph.D. (IIT Bombay)
42. Experience in AI, ML, DL, IoT, Robotics, Controls, DIP & DSP related courses ^ projects
43. Created 25 new courses in the autonomous curriculum with project-based learning (PBL)
44. Developed 20 new laboratory courses in the autonomous curriculum with project-based learning
45. More than 500+ times appeared in newspaper articles/TV/magazines & newsletters
46. Conducted more than 600+ workshops / FDP's Conference / symposiums / Webinars / SDP's...
47. Delivered 50+ keynotes/invited talks/guest lectures/Webinars as resource persons in India & Abroad
48. Was chief guest/judge/session chair to events on >50+ occasions
49. Attended 300+ workshops/FDP/Symposiums/training programs/webinars
50. Reviewed more than 500+ research articles for various journals & conferences as reviewer (Elsevier, Science Direct, IEEE, Springer, T&F, etc...)
51. Visited 5 countries (US, USSR, Singapore, Taiwan, Australia) for research paper presentation during IITB days

52. Int. exposure & training from National Univ. of Singapore (NUS) - 1 week @ Singapore (during principal days of Dr. AIT) sponsored by MHRD
53. Executed >300+ hardware & software project models (UG/PG) with papers
54. Signed & executed 25+ MOUs
55. BOE BOS LIC GC EC member
56. BOS BOE Chairman
57. VTU Nominee - 4 years
58. Conducted 12 tournaments in Sports & NSS as Principal
59. PhD examiner > 50 times in different universities across the country
60. Lab examiner for many colleges as external
61. M.Tech. project examiner in VTU & in different universities
62. BE final year project examiner in VTU & in different universities
63. University squad member to VTU colleges during exam conductions
64. Advisory Board - Panel committee member for various activities ..... >50+ times
65. Valuator for PhD Course-Work exams in VTU & panel member for conducting interviews
66. Valuator for PG M.Tech. exams in VTU
67. Valuator for BE Under-Graduate exams in VTU
68. Developed e-contents on various topics in Robotics, AI, ML, IP, RM
69. Developed e-contents on various laboratory courses in UG curriculum
70. Question paper setter as external in UG exams in VTU & Other colleges
71. Question paper setter as external in PG exams in VTU & Other colleges
72. Question paper setter for Course-Work in PhD exams in VTU & Other colleges
73. Guided 300+ UG/PG projects as project guide
74. Chief Superintendent (CS) for VTU exams
75. Deputy Chief Superintendent (DCS) for VTU exams
76. 50+ projects on Robotics & AI ML IoT
77. 20 projects awarded best project in project exhibitions with cash prizes
78. Passed 12 exams such as Hindi - Prathama, Madhyama, Rastrabhasha
79. Passed Junior & Senior Typing in first class
80. Passed UN-United Nations Test, etc...
81. Developed 3 COEs & Innovation clubs
82. Developed 2 start-up cells, where worked as Principal & HoD
83. Conducted more than 600+ industry institute interaction programmes as initiator (visits & activities)
84. 4 No. of programming languages known (Matlab/Simulink, Multisym, LabVIEW, C)
85. Proficiency in Latex, MS Office, Adobe, Corel Draw, ERP Software
86. Brought NBA, where worked as an academician 10 times (o/p based & OBE)
87. Brought NAAC with A+ in 2 colleges where worked, as an academician twice
88. Brought NIRF in DSCE with Rank of 125 & 126 in 2016-18 for 2 years
89. Experience in in ISO certification & development of documents, where worked as an academician
90. NBA Chief / Main Coordinator in couple of colleges where worked & brought it
91. NAAC Chief / Main Coordinator in couple of colleges where worked & brought it
92. Brought university ranks to some of the engg. colleges where worked previously
93. Developed 25 VTU R&D centres in various colleges in various depts when worked as Principal & HoD
94. Developed 5 Centre of Excellences when worked as Principal & HoD for 18 years
95. Planned & initiated more than 200+ administrative reforms plan's when worked as Principal & HOD
96. Increased the no. of admissions (almost double) when worked as Principal & HOD for 18 years
97. Started no. of UG, PG & Ph.D. programmes where worked as Principal & HOD for 18 years
98. Helped placement dept. in all colleges where worked for getting more than > 3000+ placements (as princi & hod) along with internships (>2000+)
99. Developed strategies & boot camps to get full admissions in all the colleges where worked
100. biography was published in the 23<sup>rd</sup> edition of Marquis's Who's Who in the World in the 2006 issue
101. Brought Rs. 10+ crore grants & govt. projects till date where worked along with team members ...

Email : [tcmanjunath@gmail.com](mailto:tcmanjunath@gmail.com) (personal)

Email : [tcmanju@iitbombay.org](mailto:tcmanju@iitbombay.org) (alumni)

Email : [tcmanjunath@rrce.org](mailto:tcmanjunath@rrce.org) (official)

Mobile (BSNL-WA) : 9449820361

Mobile (JIO-WA) : 9591071967

DOB : 6-2-1967

Age : 58+ years