

RESUME

Personal Information

Name : **Dr. Dileep Kumar**
Principal : Vidya Prasarak Mandal's Polytechnic, College
Campus, Thane (W) – 400601(MS).
Residential Address : S3/903, Imperial Heights, Opp. D.K. Stadium,
Thane (W) – 400601(MS).
Tel. No. : (Off.) 022-2544 65 51 (Res.) 022-2537 74 34
Mobile No. : 9004690478

Educational Qualifications

- **Ph.D. (Technology) in Electronics Engineering** from **VJTI, Mumbai**, University of Mumbai (2017).
- **M.E. (Computer Engg.)** from **VJTI, Mumbai**, University of Mumbai (1991) – **First Class**.
- **B.E. (Electronics and Communication Engg.)** from **S.J. College of Engineering, Mysore**, University of Mysore (1984) – **Distinction**.

Experience

1. Working as **Principal** of the Polytechnic since 01-06-2004.
2. Additional Charge as **Vice Principal** of the Polytechnic since 01-01-1996.
3. Promoted to the post of **Head of the Electronics and Instrumentation Department** on 01-08-1989.
4. Joined V.P.M.'s Polytechnic, Thane – 400601 on 01-08-1985 as **Lecturer**.
5. Worked with M/s. Bee Electronics M/c Pvt. Ltd. from 01-01-1985 to 31-07-1985 as **Development Engineer**.

Achievements

1. Developed various laboratories for Electronics, Instrumentation and Computer Engg. Departments at the institute.
2. Developed Computer related activities to cater to the needs of computer training for the local students since 1987.
3. Organized regular programmes of Career Guidance, Personality Development, IT Exhibitions for students of polytechnic in addition to quality teaching.
4. Member of **Special Committee** of MSBTE to provide inputs to the Director in Policy matters. Member of State Level Courses Committee of MSBTE in Computer Group.
5. Presented **Technical Papers at State, National and International level seminars**.
6. Received **Fulbright-Hays Federal Assistance Award of U.S. Department of State for attending Salzburg Seminar Session 463 on "Greening the Minds: Universities, Climate Leadership, and Sustainable Futures", Salzburg, Austria**.
7. Elected as **Fellow Member of Institution of Engineers (FIE)**.
8. V.P.M's Polytechnic, Thane received **NBA, New Delhi Accreditation for all the Diploma programmes during 2004 and 2017**.

Presented Technical Papers at State, National and International level Seminars

Sl.No	Title of Paper	Name of Seminar	Year
1	Should Industries affiliate Institutes	SGGS College of Engineering and Technology, Nanded	27-28 Jan. 1991
2	Industry – Institute Interaction V.P.M.'s Polytechnic, Thane – A case study	ISTE XXI–Annual convention, Anna University, Madras	14-16 Dec. 1991
3	Role of Technical Institutions and Industries	ISTE XXIII–Annual convention, KREC, Suratkal, Karnataka	26-28 Dec. 1993
4	Employability through IT	ISTE IX–State Convention and National Seminar, VYWS's College of Engineering, Amravati	4-5 Feb. 2005
5	Impact of globalisation and IT revolution on Technical education	ISTE IX–State Convention and National Seminar, VYWS's College of Engineering, Amravati	4-5 Feb. 2005
6	Storage of Hydrogen through Carbon Nanotubes	International Hydrogen Energy Congress and Exhibition, Istanbul, Turkey	13-15 July. 2005
7	Energy of Future – Hydrogen	National Seminar on Alternative Energy Sources, V.P.M.'s Polytechnic, Thane	27-28 August 2005
8	Socio-economic aspects of Hydrogen Energy-Indian Perspective	International Forum “Hydrogen Technologies for Energy Production”, Moscow, Russia Supported by AICTE, New Delhi	6-10 Feb 2006
9	Storage of Hydrogen in Carbon Nanotubes	International Forum “Hydrogen Technologies for Energy Production”, Moscow, Russia	6-10 February 2006
10	Storage of Hydrogen in Carbon Nanotubes	International Workshop on Hydrogen Energy Production, Storage and Application, Jaipur, Rajasthan	6 November 2006
11	Role of Polytechnic in Technology Change Over for Alternative Energy Areas	XI State Convention of ISTE, Government College of Engineering, Aurangabad	2-3 December 2006
12	Innovation & Technology Transfer Through Polytechnic Institutions	37 th ISTE Annual Convention and National Seminar, Manipal Institute of Technology, Manipal	17-19 December 2007
13	Ethics in Professional Education	37 th ISTE Annual Convention and National Seminar, Manipal Institute of Technology, Manipal	17-19 December 2007
14	Nanotechnology in Corrosion Prevention	National Conference on Latest Trends in Nanotechnology, V.P.M.'s Polytechnic, Thane	5 th January 2008
15	Optimization of Hydrogen Storage and Addressing Safety Issues (Poster)	International Conference on Hydrogen and Hydrogen Storage- Methods and Materials, Indian Institute Of Science, Bangalore, India	3-6 January 2009
16	Renewable Energy Efforts - Special Focus on reduction of Global Warming	Salzburg Seminar Session 463 on “Greening the Minds: Universities, Climate Leadership, and Sustainable Futures”, Salzburg, Austria Fulbright-Hays Federal Assistance Award of U.S. Department of State	11-16 July 2009
17	Renewable Hydrogen Fuel for automobiles	Vision 2011 – National level Conference on Emerging trends in Technology at BVIT-Navi Mumbai Received Best Paper Award	11 th March 2011
18	Hydrogen Storage In Amine Borane Complexes	The 3rd International Conference on Fuel Cell & Hydrogen Technology (ICFCHT 2011) Kuala Lumpur, Malaysia	22-23 November 2011
19	Future Polytechnics	43 rd ISTE National Annual Convention, TKIET, Warananagar, Kolhapur	19-21 December 2013
20	Potential of Hydrogen Fuel for Automotive Applications	Tech Streams SM National Conference, MES Pillai HOC College of Engineering & Technology, Rasayani	21-22 February 2014

Journal Publications

1. Dileep Kumar, S.K. Mahajan, H.A. Mangalvedekar (2013), Dehydrogenation of Ammonia Borane with catalytic thermal decomposition, **International Journal of Advancements in Research & Technology**, Volume 2, Issue 7, July-2013, pp. 478-483, ISSN 2278-7763.
2. Dileep Kumar, S.K. Mahajan, H.A. Mangalvedekar (2014), Nano Nickel Catalytic Dehydrogenation of Ammonia Borane, **Springer Journal of Materials for Renewable and Sustainable Energy**, Volume 3, Number 2, pp. 1-7 ISSN 2194-1459.
3. Dileep Kumar, H.A. Mangalvedekar, S.K. Mahajan, A.C. Gangal (2015), Kinetic Studies of Pristine and Nanonickel catalyzed Ammonia Borane, **STM Journal of Alternate Energy Sources and Technologies**, Volume 6, Issue 1, pp. 7-13, ISSN 2321-5186.
4. Dileep Kumar, H.A. Mangalvedekar, S.K. Mahajan (2016) , Fuel Cell Power Conditioning for Low Power Applications, **STM Journal of Electronic Design and Technology**, Volume 7, Issue 3, pp.13-23, ISSN 2321-4228.
5. Dileep Kumar (2019), Ethics in Professional Education, **JBNB**, pp.791-794.

Memberships of Professional Societies

1. Instrument Society of America (**ISA**)
2. Institution of Engineers (**IE**)
3. Indian Society for Technical Education (**ISTE**)
4. Computer Society of India (**CSI**)

Memberships

1. Member: **Maharashtra State Board of Technical Education, Mumbai** State Level Courses Committee (Electronics Group), Special Committee.(2000 – Till date)
2. Member: Governing Council (2006-2009) of **Board of Apprenticeship Training (BOAT) Western Region, Mumbai.**

Awards

1. Received Appreciation Award for **Vocational Excellence on Engineer's Day** 15th September 2006 from rotary Club of Thane North End.
2. Received "**Rajarambapu Patil National Award for Promising Engineering Teacher (below 50 years of age)**" for creative work done in **Technical Education (Polytechnics)** from **Indian Society for Technical Education (ISTE)**, New Delhi for the year 2008.
3. Received **Indian Society for Technical Education (ISTE) - Narsee Monjee National Award** for **Best overall Performance for Polytechnic in Maharashtra State** for the years **2009, 2015.**
4. Received the **Best Chapter of ISTE Maharashtra and Goa** section for the years **2009, 2017.**
5. Received "**ISTE-Ranganathan Engineering College National Award for Best Polytechnic Principal**" from **Indian Society for Technical Education (ISTE)**, New Delhi for the year 2014.

Date : 26th December 2019

Place : Thane

Dr. Dileep Kumar Krishna Nayak