

PROFILE

Dr. Hari Narayan Kudal [B.E., M. Tech., Ph.D. (Mechanical Engineering)] €-8087561281

1. Worked in College of Engineering as Lecturer to Professor for 17 years, working as Principal from 14 years and worked on Administrative / Academic post as a Campus Director from 16/12/2020 to 23/04/2022
2. Working as Member (assessor), peer team of National Assessment & Accreditation Council, NAAC for assessment & accreditation of Higher Educational Institutes.
3. Working as a Margdarshak from 15.06.2020 till date nominated under AICTE's Scheme to help Mentee institute for improving their teaching learning processes which leads to accreditation of the institute by NBA, appointed by All India Council for Technical Education, AICTE, New Delhi
4. Working as Ph.D. Research Guide from 13 years in two Universities, awarded Ph.D. Degree for two student and two student completed Ph.D. research work
5. Delivering guidance talks on quality enhancement techniques in higher education related to NAAC, NBA and other quality assessments
6. Worked as Asst. Superintendent for SET, Examiner for Avishkar, Vigilance committee Member for PET, Savitribai Phule Pune University, Pune
7. Worked as External Examiner for evaluation of Ph. D. Thesis and final Ph.D. Viva.
8. Expressed views in various national, international conferences and Media as Educationist
9. Invited for key note Talks in various conferences, Seminars, Workshops, etc.,
10. Worked as chairman, committee for actual manpower requirement of PDVVP, Foundation, Ahmednagar

11. ACHIEVEMENTS:

- Awarded UGC –GATE Scholarship during M. Tech. Degree
- Received Research Funds for three Research Project from University of Pune
- Working as a Margdarshak from 1.5 years for National Board of Accreditation, appointed by All India Council for Technical Education, AICTE, New Delhi and Assessor in peer team, NAAC, Bangalore
- Working as an Expert on examination /selection from last 7.5 years at UPSC. New Delhi
- Working as a Member, Grievances Redressal Committee, Savitribai Phule University Pune, Pune from 21st Dec., 2012 to till date
- Responsibilities handled for Committee visit of National Board of Accreditation, NBA, New Delhi on 25th to 27th Nov. 2011 when on the Post of Principal and courses got accredited
- Different responsibilities handled for Committee visit of National Board of Accreditation, NBA, New Delhi when on the Post of Assistant Professor to Professor
- Three NAAC Committee visit faced when on the post Principal and got accreditation for five years
- Responsibilities handled for Committee visit of Permanent Affiliation, Savitribai Phule University Pune, Pune, on 18th September 2012 when on the Post of Principal
- Responsibilities handled for introduction for new UG and PG courses when on the Post of Principal
- Working as an ISO Certified Auditor / Certified Internal Auditor for auditing of Quality management System International as per ISO 9001-2008 since from 25th Sept. 2011 to till date.
- Worked as Expert for various Local Inspection committees, Staff Selection Committees of SPPU, Pune

12. Fellowship of Academic Bodies and Professional Societies: 04

13. Memberships of Scientific and Professional Societies: 36

14. Honors', Awards and Recognition:

- "Gaurav Pramanpatra" DIPEX-2000 received for project- Folding Electrical Bicycle-solar charged
- "Gaurav Pramanpatra" DIPEX-2001, received for project "Solar Assisted Incubator"
- Received Best Teacher Award from Ajinkya D. Y. Patil University, Pune
- "MSPI OUTSTANDING ACHIEVEMENTS" Award received for year 1998.

15. Publications:

- No. of Books Published having ISBN number :16
- No. of Papers Published in International SCOPUS / UGC/ AICTE approved. Journals:17, Refer link https://scholar.google.co.in/citations?view_op=list_works&hl=en&hl=en&user=Fa_WXzEAAAAJ
- Patents published: A composition of lithium grease made from natural oil:11May2018/21445/2018 21017762
- No. of Papers presented / published in international conferences: 17
- No. of Papers presented / published in National conferences: 47
- No. of Participation in Short term courses / Workshops / Trainings attended: 9
- No. of Organization of Conferences / Seminars: 07
- worked as Resource person / Examiner / Participated in number of Workshops / Conferences:19
- Organized various social activities such as Disaster Management, Blood donation camp, Flood & Drought relief programmes, Fund raising Rally for differently affected people.

Curriculum Vitae



1. Name : Prof. Dr. Hari Narayan Kudal,

B.E., M. Tech., Ph.D. (Mechanical Engineering)

2. Address:

Permanent Address: Aashirwad Bungalow, City Survey No.3863/1, Opposite S.T .Bus Stand, Yeola, Dist.-Nashik-423401 (M.S.) India. Phone:+91-8087561281

Office: Principal, Brahma Valley College of Engineering and Research Institute, Anjaneri, Nashik-422 213 (M.S.) India. Phone: 02594299202.

3. Father's Name: Shri. Narayan Govinda Kudal.

4. Date and Place of Birth: 11/04/1969, Pimpri, Yeola (M. S.).

5. Religion: Hinduism.

6. Nationality: Indian.

7. Educational Qualifications:

a) Academic Records:

Sr. No.	University / Board / Institution	Degree / Exam. Passed	Year of Passing	Field of Specialization	Class Obtained	Marks, % Obtained
1.	Poona Board	S. S. C	1987	-----	Distinction	77.71
2.	B. T. E. Bombay	D. M. E.	1990	Mechanical Engineering	First Class	70.91
3.	University of Pune	B. E.	1993	Mechanical Engineering	First Class	60.00
4.	Devi Ahilya University Indore	M. Tech.*	1997	Thermal Engineering	First Class	74.63
5.	University of Pune. College of Engg,Pune	Ph. D.	2011	Mechanical Engineering	Awarded	-----

*UGC –GATE Scholarship Awarded During M. Tech. Degree.

b) Details of Practical Training:

Sr. No.	Organization	Period	Nature of Work
1.	OSI Shardul Industries, Dhule-01	01 st May, 1990 to 1 st Nov. 1990	Technician Apprentice
2.	Maharatta Chamber of Commerce and Industries Ltd., Pune.	01 st Aug. - 31 st Dec., 96	Energy Consultants and Energy Auditors.
3.	Centre for Steam Engineering, Forges Marshall Ltd. Pune.	30 th June - 03 rd July, 98	Advanced Steam Engineering Programme, "Theory and Practical Training in Steam G.D.U and Steam Conservation".

4.	Niphad Sahakari Sakhar Karkhana Ltd., Pimplas, Nashik.	17 th June – 10 th Aug., 1996	potential for efficient cogeneration in Sugar Industry.
5.	eam Engineering Centre, Forges Marshall Ltd. Pune.	18 th Oct. -20 th Oct., 2000	eam Engg. Programme for College Faculty, “Training in steam G.D.U. and conservation”
6.	ri Consultants, Management System Consultants, Nashik	25 th September, 2011	Internal Auditor Training Course

8. Employment Record (Starting from present position):

Sr. No	University / College/Institute	Designation	Period (Years)	University Approval
1.	Brahma Valley College of Engineering and Research Institute, Nashik	Principal & Professor of Mechanical Engg.	25/04/2022 to till date	CCO/1390
2.	J. E. S. Yeola	Campus Director	16/12/2020 - 23/04/2022	--
3.	D College of Engineering and Research Center, Yeola	Principal & Professor of Mechanical Engg.	15.12.2016 to 15.12.2020	CCO/1496
4.	PDVVP College of Engineering, Ahmednagar – 414111	Principal & Professor of Mechanical Engg.	18/11/ 2011 to 14.12.2016	CCO/1496
5.	ES College of Engineering, Kopergaon	Professor of Mechanical Engg	0.5	CCO/332
6.	ES College of Engineering, Kopergaon	Assistant Prof. of Mechanical Engg.	05	CCO/25
7.	ES College of Engineering, Kopergaon	Lecturer of Mechanical Engg.	10	CCO/1241
8.	Government Polytechnic, Nashik	Lecturer of Mechanical Engg.	01	--
9.	Liberty Pipe Accessories, Sinnar	Maintenance Engineer	01	--

9. Related experience Details:

• **Post-Doctoral Research Experience / Activities:**

Sr. No.	Period	Agency / Organization	Project Title	Amount Received, Rs
1.	2012-15	Received Research Fund from Board of College & University Department, University of Pune	Experimentation and numerical simulation to improve performance of Helical coiled tube heat exchangers	2.30 Lakhs.

• **Doctoral Research Experience / Activities:**

Sr. No.	Period	Agency / Organization	Project Title	Amount Received, Rs.
2.	2006-2011	Mechanical Engineering Department, College of Engineering, Pune.	Ph.D. Research on “Analytical and Experimental Studies on Forced Convection Solar Tunnel Solar Bagasse Dryer”	----
3.	2009-2011	Received Research Fund from Board of College & University Department, University of Pune	Analytical and Experimental Studies on Forced Convection Solar Tunnel Solar Bagasse Dryer	1.50 Lakhs.
4.	2009-2011	Received Research Fund from Board of College and University Department, University of Pune	Analytical and Experimental Studies on Forced Convection Solar Onion Dryer	0.75 Lakhs.

• **Subjects teaching / taught at PhD / PG / UG:**

Sr. No.	Class / Level	Subjects taught / Nature of Work	Period
1.	PhD / Research	Guided and awarded Ph.D. to two students and two students are pursuing their Ph.D. degree from University of Pune	02/2012 to till date
2.	PhD / Research	Guide for Research projects of Ph.D. Registered students pursuing their Ph.D. degree from S.J.J.T University	03/2013 to till date
3.	Post graduate	Mathematical Modelling and Simulation, guiding projects as well as Seminars to Post graduate students*	07/2012 to till date
4.	UG at BE	Power Plant Engineering, Gas Turbines and jet propulsion, Non-Conventional Energy Sources, Computer Applications	06 Years
	UG at TE	Fluid Machinery, Turbo Machines*, Computer Oriented Numerical Methods, Numerical Methods & optimization*, Heat transfer	07 Years
	UG at SE	I. C. Engines and Automobile Engineering, Computer Graphics	05 Years
	UG at FE	Engineering Graphics, Basic Mechanical Engineering	09 Years

• **NBA/AICTE/University Committees handled / responsibilities handled:**

- i. Working as a Margdarshak, for NBA accreditation, appointed by AICTE, New Delhi.
- ii. Working as an Expert in examination /selection from last 7.5 years at UPSC. New Delhi.
- iii. Member, Grievances Redressal Committee, University of Pune since from 21st Dec., 2012 to till date.
- iv. National Board of Accreditation, NBA, New Delhi Committee responsibilities handled on 25th 27th Nov. 2011 when on Post of Principal and college got accredited.

- v. National Board of Accreditation, NBA, New Delhi Committee responsibilities handled when on Post of Assistant Professor and college got accredited.
- vi. Permanent Affiliation, University of Pune, Committee responsibilities handled on 18th September 2012 when on Post of Principal and college got Affiliation.
- vii. Local Inspection Committees, University of Pune, responsibilities handled for new courses, as well as regular affiliation when on Post of Principal and college got permission / Affiliation.
- viii. AICTE online for new courses, regular affiliation etc., when on Post of Principal post.
- ix. Working as an ISO Certified Auditor / Certified Internal Auditor for auditing of Quality Management System International as per ISO 9001-2008 since from 25th Sept. 2011 to till date.

e) Additional / Other responsibilities handled:

- i. An Expert for various committees of “All India Council for Technical Education”, AICTE, New Delhi.
- ii. An Expert for various Local Inspection committees, Staff Selection Committees of University of Pune
- iii. Member Secretary, PDVVP College of Engineering, Vilad Ghat, Ahmednagar since from 18th November 2011 to till date.
- iv. Chairman, Anti-ragging Committee, PDVVP College of Engineering, Vilad Ghat, Ahmednagar since from 18th November 2011 to till date..
- v. Chairman, Anti-ragging Squad, PDVVP College of Engineering, Vilad Ghat, Ahmednagar since from 18th November 2011 to till date..
- vi. Staff adviser for Mechanical Engineering Students Association, SRES College of Engineering, Kopergaon.
- vii. Member, College Anti Ragging Squad, SRES College of Engineering, Kopergaon.
- viii. In charge, Classes / Exam.- Graduate Aptitude Test in Engineering – GATE,
- ix. Senior Supervisor, University of Pune.
- x. Field Officer, Sahara India, Sahara India Bhavan Lucknow-226 020.
- xi. Head of Departments, Heat Transfer & Thermodynamics, from 23/3/2005 to 17/11/2011.
- xii. A progressive agriculturist based at Pimpri, Tal:Yeola, Dist. Nashik

10. Fellowship of Academic Bodies and Professional Societies:

- Fellowship awarded by the Institution of Engineer’ (India) (FIE).
- Chartered Engineer (India) of Institution of Engineer’s – (CE)
- Fellowship awarded by “Management Studies Promotion Institute, New Delhi” (FMSPI)
- Fellow of the “International Safety Quality Environment Management Association”, United Kingdom, (FISQEM)

11. Memberships of Scientific and Professional Societies: 36

12. Honors, Awards and Recognition:

- Approved as Post Graduate Teacher by University of Pune.

- Recognized as Ph.D. guide by University of Pune.
- Recognized as Ph.D. guide/ Supervisor of S. J. J. T. University.
- "BEST CITIZEN OF INDIA" Award received for year 1998 from International PublishingHouse.
- "MSPI OUTSTANDING ACHIEVEMENTS" Award received for year 1998.
- "Gaurav Pramanpatra" DIPEX-2000, received for project "Folding Electrical Bicycle (solarcharged).
- "Gaurav Pramanpatra" DIPEX-2001, received for project "Solar Assisted Incubator".
- Two students are currently working for PhD under my guidance.

Area of interest for research work: Solar Thermal, Solar Drying, Energy Conservation.

PG Dissertation Supervising / Supervised: 23

Computer Knowledge:

- a. Software Skills: Auto lisp, Turbo-C
- b. Scientific and Technical Analysis Software: Origin Pro, ANSYS.
- c. Design and Drafting Software: AutoCAD.

Paper Publications:

- **Papers Published in International SCOPUS / UGC/ AICTE approved. Journals:17** (Refer link)
https://scholar.google.co.in/citations?view_op=list_works&hl=en&hl=en&user=Fa_WXzEAAAJ

- Books and Technical articles:

Sr. No.	Title	Course	Level UG/PG	Class / Year	ISBN Number
1.	Engineering Graphics-I	Mechanical Engineering	UG	F. E.-I	378-93-5158-418-6
2.	Basic Mech. Engineering	Mechanical Engineering	UG	F.E.-II	978-93-24457-11-5
3.	Turbo Machine	Mechanical Engineering	UG	T.E.-II	978-93-85526-01-5
4.	Applied Thermodynamics	Mechanical Engineering	UG	SE-II	978-93-24457-08-4
5.	Refrigeration & Air Conditioning	Mechanical Engineering	UG	B. E.-I	978-93-5158-353-0
6.	Mechatronics	Mechanical Engineering	UG	T. E.-II	978-93-5158-567-1
7.	Power Plant Engineering	Mechanical Engineering	UG	B.E.-II	978-93-5158-533-6
8.	Mechanical System Design	Mechanical Engineering	UG	B.E.-II	978-93-5158-534-3
9.	Energy Audit and Management	Mechanical Engineering	UG	B. E.-I	978-93-5158-405-6
10.	Thermodynamics	Mechanical & Automobile Engg.	UG	S. E.-I	378-93-5158-220-5


11.	Thermodynamics	Mechanical Sandwich	UG	S. E.-I	378-93-5158-220-5
12.	Strength of Materials	Mechanical Engineering	UG	S.E.-II	978-93-5158-570-1
13.	Energy Audit and Management	Automobile Engineering	UG	B. E. Elective	978-93-5158-405-6
14.	Design of Machine Elements-II	Mechanical Engineering	UG	T.E.-II	978-93-5158-566-4
15.	Systems in Mechanical Engineering	Mechanical Engineering	UG	B.E.-I	978-93-24457-11-5
16.	Strength of Materials	Mechanical Engineering	UG	S.E.-II	978-93-5158-570-1
17.	Technical articles	Energy related	02		

- **Patents :** A composition of lithium grease made from natural oil-11May2018/21445/201821017762
- **Papers presented / published in International conferences:** 17
- **Papers presented / published in National conferences:** 46

List of Short-term courses, Workshops, Conferences etc., organized / participated:

- Participation in Short term courses / Workshops / Trainings attended: 13
- Organization / Participation in Conferences / Seminars: 07
- List of Short-term courses, Workshops, Conferences, etc., worked as Resource person / Speaker / Examiner, etc., 19

I certify that the above information is true.



(Dr. Hari Narayan Kudal)