

CURRICULUM VITAE



Prateep kumar.S
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CAREER OBJECTIVE

- Seeking a challenging career where my skills and abilities can be fully utilized, to be part of a team that dynamically works towards growth of the organization which in turn would contribute to my career growth.

PROFESSIONAL SKILLS

- Flexibility.
- Working under pressure.
- I enjoy working in teams.
- Ability to grasp quickly and deliver in a competitive environment
- Can do attitude

PROFESSIONAL QUALIFICATION

- **Master of Technology** in Refrigeration and Air-Conditioning from **Jawaharlal Nehru Technological University** - Anantapur in the academic year 2008-2011 with an aggregate of 69.64%.
- **Bachelor of Technology** in Mechanical Engineering from **AIMS** college of Engineering, affiliated to JNTU in the academic year 1999-2007 with an aggregate of 53.35%.
- **Intermediate** in **T.G.Prahaladasetty** Jr.College, Adoni in the academic year 1994-1997 with an aggregate of 42.30%.
- **Matriculation** from **A.P.S.W.R.**School, Alur for the academic year 1993-1994 with an aggregate of 60.50%

SOFTWARE SKILLS

- Operating systems : Windows 98, 2000,03, XP
- Packages : MS-Office, Internet Applications

HOBBIES AND INTERESTS

- Playing Badminton, Chess and SU DO KU
- Gardening

- Cooking

STRONG POINTS

- Working under pressure.
- Dedicated towards work
- Hard working nature

ACADEMIC PROJECTS

At PG Level

Project Title : Analysis Of cryogenic cycles with ASPEN-HYSYS Simulations

Software Used : ASPEN- HYSYS tool.

At UG Level

Project Title : Thermodynamic & Economic Analysis of combined cycle Power Plant

Software Used : -

WORK EXPERIENCE

LOCATION : JNTUA PULIVENDULA

POSITION: Assistant Professor (A)

PERIOD: 10/08/2011 to Till Date

SUBJECTS HANDLED

Engineering Drawing, Thermal Engineering-II , Machine Drawing, Kinematics of Machinery, Dynamics of Machinery, Thermodynamics, Theory of Machines, Thermal Engineering, Heat Transfer, Alternative fuels & Emission Control, Power Plant Engineering, Non conventional Source of Energy, Environment Science, Basic Mechanical Engineering.

SHORT TERM COURSES

- AICTE Sponsored FDP Two Weeks Short term course on “Computational Methods for flow and heat transfer analysis-Application of CFD Tools”
- Participated in the 3 day TEQIP short course on “Engineering Noise Control” held at IIT Hyderabad during December 22-24, 2014
- Short term training Program on “Basics and Developments in Refrigeration and Air-Conditioning” organized by the SVNIT, Surat, during 27th February to 03rd March 2017.
- Short term training Program on “Internal Combustion Engines” organized by the IIT, Hyderabad, during 20th -24th March 2017.

WORKSHOPS, CONFERENCES AND FACUTY DEVELOPMENT PROGRAMMES

- Participated in the Five days Brainovision solutions India Pvt Ltd Online FDP on National Level Faculty Development Program on Cloud Infrastructure held from 21st to 25th August 2023
- Participated in the ONE Week FDP Dr. D. Y. Patil Institute of Technology, Pimpri, Pune. ISTE approved One Week National Level Faculty Development Program on Recent Advances in Mechanical Engineering (RAME-23) held from 24th to 28th July 2023
- Participated in the Five days FDP Kallam Haranadhareddy Institute Of Technology, Guntur A Five-Day online Faculty Development Program on Advances in Materials and Manufacturing Technologies held from 26th to 30th June 2023
- Internal Quality Assurance Cell , Departments of ECE & EEE at Indira Institute of Technology and Sciences, Markapur One day Webinar on “Speech competition” of “VANMAHOTSAV DAY CELEBRATIONS - 2023 held on 7th July 2023
- Participated in the Two days FDP Sandip foundation’s Shri Ram Plytechnic, Madhubani, Bihar Online National Seminar on Recent Advancement in Engineering held 10th to 11th April 2023
- Participated in the Six days FDP Sandip foundation’s Shri Ram Plytechnic, Madhubani, Bihar Online FDP on Innovative and Emerging Thrust areas of Civil, Electrical & Mechanical Engineering held 03rd to 08th April 2023
- Participated in the Three days Workshop TEAM of ROBOGYAN 2k23 and Department of Mechanical Engineering JNTUACE, Pulivendula FDP on Engineering Graphics Through AutoCAD software held from 21st to 23rd April 2023
- Participated in the Six days FDP Seshadri rao Gundlavalleru Engineering college, A.P Online FDP Applications of AI and ML in Mechanical Engineering held from 06th to 10th March 2023
- Participated in ONE day CREI and Powered by capabl from Elite Techno groups Training Program on Reimaging Engineering as a verb, not just a noun held from 1st March 2023
- Participated in the ONE Week FDP on “3D Printing & Design” on 25 -29th November 2019.
- Participated in the Three days FDP TEQIP-II sponsored short term course on Paper and Article Writing with LATEX; during 17th to 19th , March 2017 Organized by Department of Electrical and Electronics Engineering, JNTUA College of Engineering, Pulivendula.
- Participated in TEQIP sponsored two day National level Faculty development program on “Entrepreneurship Development Initiative In India in collaboration with IEEE Hyderabad section” organized by the department of Computer Science Engineering, JNTUA College of Engineering, Pulivendula during 16th -17th , March 2016.
- Participated in the Six days TEQIP workshop on “Thermal Analysis of Materials Using DSC, DTA, TG & Dilatometer (TAM-III)” organized at IIT Hyderabad, during December 14-19, 2015
- Participated in two day FDP at USHA International Ltd, Hyderabad. under CII-TEQIP project organized on 8-9th January 2015.
- Participated in 5 days “**Pedagogy**” Program Conducted at JNTUACE Pulivendula
- Attended for 2 days FDP on “**Auto CAD 2011**” Conducted at JNTUACE Pulivendula
- Participated in 5 days a Mission 10X workshop on “**FMP**” Conducted at JNTUACE Pulivendula
- Participated in two day FDP on “CFD Applications using star CCM+” held at JNTUACE Pulivendula on 16-18th January 2014.
- Participated in two day FDP on “Applications of Finite Element method through ANSYS Software” held at JNTUACE Pulivendula on 20th -21st January 2014.
- Participated a conference on “Design and development of 3D printed jigs & Fixtures using FDM technique” at JNTU Anantapur on 27th August 2016

RESEARCH PUBLICATIONS

Published a paper on “An Authentication Method Based on Cryptography and Machine Learning for Secure Data-Sharing in a Federated Cloud Services Environment” published in IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES Volume 11- Issue8, 2022, PP 3432-3438 UGC Approved.

Published a paper on “ Brain tumor detection from MRI images using deep learning techniques-VGG 19 and Resnet 50” published in IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL

SCIENCES Volume 11- Issue1,2022, PP 954-961 UGC Approved.

Published a paper on "Face Mask Detection Using Image Processing" published in IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES Volume 10- Issue3,2021, PP 554-558 UGC Approved.

Published a paper on "DESIGN & FABRICATION OF 3D PRINTED EAR PROTHESIS FOR MICROTIA & ANOTIA BY USING SILICON RUBBER" published in IJTIMES, Volume 04- Issue10,October2018.e-ISSN:2455-2585,UGCApproved, Impact Factor: 5.22.

Published a paper on Experimental Investigation to determine Effect of various parameters on Abrasive water jet machine by using TOPSIS Published in IJAERD Volume 04 Issue 09, September-2017. e-ISSN : 2348 - 4470, p-ISSN : 2348-6406, UGC Approved. Impact factor - 4.72 (SJIF 2016).

AWARDS AND ACHIEVEMENTS

- Received National Level Guru Spandana Award on the Occasion of "World Teachers day" from Spandana Eda International Foundation, Guntur on **04/09/2022**
- Received State Level Guru Spandana Puraskar 2022 Award on Occasion of TREND (Teachers relationship in educating for national development) Changing the Thought Process of Individuals from Spandana Eda International Foundation held at YSR Kadapa on 20/11/2022
- Received National Level Spandana Seva Puraskarm Award on the occasion of SEIF 3rd Anniversary from Spandana Eda International Foundation held at Bramhakumaries Shanthi Saarovar HYERABAD on 29/01/2023

PERSONAL DETAILS

Father's Name : S. Narasanna
Date of Birth : 1st July'1979.
Marital Status : Married
Languages Known : English, Telugu and Hindi
Nationality : Indian

DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge.

Prateep kumar.S