Dr. ASHISH R. PANAT

Targeting **Senior Management Position** in Education industry
Accomplished educator & research scholar with proven capability to teach, motivate, evaluate and direct students / faculty while maintaining high interest and achievement

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Profile Summary

- A professional with **over 32 years** of experience in the field of **General Administration, Teaching, Curriculum Development, Research & Development, and Operational Excellence**
- Proven success in working in collaboration with senior management, to manage and develop effective **organisational systems and long-term strategy** with respect to its sustainability
- Excels in designing metrics for managing the **workflow, resources & capacity utilization**, optimizing the education delivery timelines and ensuring quality management to help set-up a standardised process
- Experienced in spearheading a wide spectrum of **general administrative** activities including AOP, Budgeting, Vendor Development and Contract Management for Colleges/Institutes
- Comprehensive experience in deploying various methodologies to analyse as well as initiate modifications to different courses and enable students to have diverse and global path for continued lifelong learning
- Superior interpersonal skills, capable of resolving multiple & complex (teaching, human resources, administration, finance, operational) issues & motivating staff to peak performance
- Known for overcoming complex business challenges and make high-stakes decisions using experience backed judgment, strong work ethic and irreproachable integrity

Academic Details

- **Pursuing MBA (HR Management)** from Y.C.M.O. University, Nashik, Maharashtra
- **Ph.D.** from the Faculty of Electronics & Telecommunication Engineering in 2009
- **M.E. (Electronics Engineering)** from S.G.B. Amravati University, Amravati in 1998 with 62%
- **B.E. (Electronics Engineering)** from S.G.B. Amravati University, Amravati in 1987 with 76%

Professional Affiliations:
- Memberships: MIETE and MISTE

Other Courses:
- Attended 8 academic short-term courses for knowledge updating in the field of Digital Signal Processing, XML and MAT LAB, & so on
- One-month industrial training course in Advance Java

Core Competencies

Strategic Planning	Curriculum Development	HR & Administration
Process Improvement	Faculty Management	Financial Management
Policy Formulation	Operations Management	Quality Management

Notable Accomplishments Across the Career

- Merit of being credited with a **published Bio Data in Marquis Who's Who 2009 and 2010**
- Won "Golden Educationist of India" Award 2013 by International Institute of Education and Management, Delhi
- key role in proposal preparation, sanction and establishing **Atal Incubation Centre with 10 cr. Funding (Niti Aayog)** for MIT ADT University.
- Successfully rendered services as:
  - Editor-In-Chief of "International Journal of Machine Intelligence and Application": Published by International

Science Press; ISSN-0976-6227
- o Chief Editor of Conference Proceeding, ICRTST-17: ISBN: - 978-93-5267-540-1
- Recognised for being nominated for Faculty Selection and Approval Committee Member by university
- Credited for being:
  - o University Local Enquiry Committee Member for Engineering College Affiliation
  - o University Local Enquiry Committee Member for Approval of M.Tech. & Ph.D. Research Centre
  - o University committee member for Syllabus and Scheme Setting
- Successfully delivered 16 Expert Technical/ Spiritual Lectures
- Won Best Paper Award IEEE Conference Madurai 2014
- **Filed 4 Patents on research work:**
  - o Panat Ashish Ramchandra, Application No. 4084/MUM/2014, Dated (Priority Date): 18th Dec 2014 Titled: System and Method for Detecting Emotions from Voice Signals. Status: Published
  - o Anita Patil, Ashish Panat "The System & Method for Classification of Human Emotions"(Ref. no.3927/MUM/2015, Docket No. 22088) dated 16th Oct 2015
  - o B. Sathe-Pathak, Ashish Panat, "System and Method for Text Independent Word-to-Word Emotion Transformation" Ref. No. 4371/MUM/2015, Docket No 24432, Transaction ID - N0000142127
  - o Mrs. Rutuja Abhishek Deshmukh, Dr. Ashish R. Panat "An Alteration in Turbo Encoder and its interleaver for optimal transmission of high dimensional data", reference number: E-104/1177/2016-MUM, Application Number: 20162103935
  - o Mrs. Rutuja Abhishek Deshmukh, Dr. Ashish R. Panat, et.al. "An innovation interleaver with high dimensional encoding using hybrid group search optimizer", Application Number: 201721039713 A, DOP : 24/11/17.

- Research Papers Published (International Journals, Book Chapters, & Conferences) – 45
- Supervised & guided **2 students for acquiring Ph.D.;** Ph.D. of 6 in pipeline.
- Registered as an approved **Ph.D. Supervisor** for SGB Amravati University (Maharashtra), RTM Nagpur University(Maharashtra), KL University (Vijayawada, Andhra Pradesh), Poornima University, Jaipur (Rajasthan), MIT ADT University, Pune.

Academic Lectures

- Delivered more than ten Lectures on "Research Methodology" at various institutes in Maharashtra and Chhattisgarh
- Delivered lecture to Research Scientists on 'Role of Information Technology in Agricultural Development of the Country'
- Merit of being invited to deliver **guest lectures** at various programs of professional bodies like NHRDC, WCL on the topics like "Purpose and Life", "Mind: An Instrument", "Teacher a Mission" and so on for corporate sector representatives and society members including students
- Credited for being invited to deliver **guest lectures** at various programs of professional bodies like IE, IETE, CSI on the topics like "Purpose & Life", "Mind: An Instrument", "Teacher a Mission" and so on for corporate sector representatives and society members including students

• Work Experience

Oct 1 2019 - Continued

SNDT Women's University, Mumbai as Director Innovation, Incubation and Linkages with additional charge as Campus In-charge (Academic and Administration) at SNDT Juhu Campus, Mumbai.

Highlights:
- Establishment and Cultivation of a Culture of Innovation to Enterprise creation in University campuses.
- Establishment of infrastructure required for incubating ideas to commercial products in the campuses.
- Establishing associations and collaborations with Universities, Corporate Houses and Industries of National and International repute in order to provide an environment conducive for efficient and effective mentoring of aspiring Innovators and Entrepreneurs amongst the students , faculties and society subsequently leading to employment generation in National interest.

Jul' 13 2017– 30 Sept 2019
MIT ADT University School of Engineering (Head and Professor Electronics and communication Engg., Chief Coordinator -Innovations and Head Foreign Relations – for Group of 13 Institutes)

Highlights:

- key role in proposal preparation, sanction and establishing **Atal Incubation Centre with 10 cr. Funding (Niti Aayog)** for the group.
- Rendering services as Chairman, Board of Studies, Head of Department and Professor for establishment of appropriate facilities, farming of industry-oriented curriculum and efficient operations of academics.
- Got MoU signed with 15 leading corporates and six foreign universities.
- Organised FDP in collaboration with Department of Science and Technology, New Delhi and NSTEDB. And delivered a lecture as resource person.
- Organised large-scale programmes of student's interaction with "Corporate Leaders" and "Young Entrepreneurs".

Dec' 14 – Jun' 17
KCNIT, Banda, UP as Executive Director (Operational Head - Group of Institutes i.e. Engineering College, MBA college, Polytechnic, I.T.I., B.Ed., CBSE School)

Highlights:

- Played a key role in establishing **I.T.I. & B.Ed.** for the group
- Rendering services as Operational Head for ensuring efficient operations for Group of Institutes i.e. Engineering College, MBA college, Polytechnic, I.T.I., B.Ed., CBSE School

Oct' 13 – Dec' 14
Integrated Campus, Saraswati Education Society Group of Institutes Faculty of Engineering, Diksal, Karjat, (Mumbai University) as Campus Director

Highlights:

- Signed MOU with group of 800 small scale industries in Thane, Mumbai region
- Rendered services as Operational/Academic Head for group of institutes i.e. Engineering College (UG & PG), MBA College, and Polytechnic

Feb' 10 – Oct' 13
Priyadarshini Indira Gandhi College of Engineering, Nagpur, RTM Nagpur University, Maharashtra as Principal

Highlights:

- Entered into MOU for 5 years with two Industries in the neighbourhoods
- Credited for motivating:
  - 24r faculties to register for Ph.D. in engineering faculty
  - Faculties and students to publish more than 40 research articles
- Successfully ensured **100% retention** of experienced faculties in the institute
- Promoted sports and meditation practices in the institute along with participation at inter-college level competitions
- Initiated the activity called "Forum for Positive Thinking" to nurture the healthy attitude amongst young technocrats to ensure value based character building
- Motivated students & staff to adopt a village schools for training the teachers and students with computer skills and creating the necessary facilities like drinking water systems through self-donations
- Successfully organized National Conference in the College

Mar' 09 – Jan' 10
Disha Institute of Management & Technology, Raipur, CSV Technical University, Chattisgarh as Principal

Highlights:

- Played a key role in motivating:
  - 12 faculties to register for Ph.D. in various engineering
  - Faculties and students to publish more than 22 research articles
- Merit of delivering 100% retention of experienced faculties in the institute
- Successfully promoted sports & meditation culture in the institute along with participation at inter-college level competitions
- Initiated the activity called "**Forum for Positive Thinking**" to nurture a healthy attitude amongst young technocrats to ensure value based character building
- Motivated students & staff to adopt a village schools for training the teachers and students with computer skills and set up the necessary facilities like drinking water systems through self-donations in collaboration with government agencies and management

- Organized Inter-National Conference in the College

Previous Experience

Aug' 90 – Feb' 09 with Professor Ram Meghe Institute of Technology & Research, Bandera, Maharashtra as Assistant Professor, Department of Electronics & Engineering

Feb' 01 – Dec' 01 with College of Admin. Sciences, Muscat, Sultanate of Oman as Tutor (Lecturer)

May' 88 – Dec' 90 with S.S.G.M. College of Engineering, Shegaon, Maharashtra as Lecturer, Department of Electronics & Telecommunication Engineering

Jan' 88 – May' 88 with V.Y.W.S. Polytechnic, Badnera as Lecturer

Part Time / Industrial Experience

Jun' 92 – May' 97 with Aptech Computer Education Ltd., Amravati as Director / Centre Head (Franchisee)

Nov' 99 – Jul' 00 with Infotech Pvt. Ltd., Amravati as Project Manager

1998 –2000 with CCIT, Software Training & Development Centre, Amravati, Maharashtra as Software Consultant

Jul' 87 – Dec' 87 with Indian Communication Network Ltd., Bhopal as Associate Customer Engineer

Conferences / Seminars Organised

- Short-term training program, Department of Electronics Engineering, College of Engineering Badnera, 2005
- International conference on Material Sciences, 2009, Disha Institute of Management & Technology, Raipur, Chhattisgarh
- International conference on Recent Trends in Engineering, 2012, Priyadarshini Indira Gandhi College of Engineering, Nagpur, Maharashtra
- International conference on Latest Trends in Engineering, Yadav Rao Tasgaonkar College of Engineering, Chandai, Karjat, Raigarh, Maharashtra (2014)
- International conference on Recent Trends in Engineering & Sciences at Kalicharan Nigam Institute of Technology, Banda, UP (2016)
- International conference on Recent Trends in Engineering and Sciences at Kalicharan Nigam Institute of Technology, Banda, UP (2017). Proceedings - ISBN: 978-93-5267-540-1

International Conferences / Journals

Journals / Book Chapters:
- Ashish Panat et.al., "Speech Recognition for Emotions with Neural Network: A Design Approach", Lecture Notes: Springer Knowledge-Based Computer Science, ISSN: 0302-9743, Volume 3214/2004, ISBN: 3-540-23206-0, DOI: 10.1007/b100910, chapter pp 640-645.
- Ashish Panat et.al. [2008]; "Analysis of Affective Speech for Attitude Prediction of Speaker: Experimental Study and Design", international journal of Computer Science and system Analysis, serials Publications, ISSN: 0973-7448, 2(1), Jan.-June 2008, \; pp 35-45.
- Dr. Ashish Panat, et.al. "Analysis of Emotion Disorders based on EEG Signals of Human Brain", International Journal of Computer Science, Engineering and Applications (IJCSEA), 2012, ISSN: 2230 - 9616 [Online]; 2231 - 0088 [Print], Impact factor: 1, Citations: 2
- Dr. Ashish Panat, et.al. "Extraction of Features from EEG Signal to Determine Seizure", Published by International Journal on Advanced Electrical and Electronics Engineering, (IJAEEE), ISSN (Print): 2278-8948, Volume-1, Issue-1, 2012.
- A. Panat, et.al. "Extraction of Pitch & Formants and its Analysis to Identify 3 Different Emotional States of a Person." in IJCSI, International Journal of Computer Science Issues, Vol. 9, Issue 4, July 2012, ISSN: 1694-0814. Impact factor – 0.242 (Citations- 5)
- A. Panat, et.al. "Comparison between Different Feature Extraction Techniques to Identify the Emotion 'Anger' in Speech", on 2nd – 4th January 2012 at Bangalore, in CCSIT-2012. pp. 647–653, 2012, Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 2012. This paper is published in Springer Journal.
- PANAT A. R., et.al. "Comparative Study of Pipelined Reconfigurable FFT Processor", International Journal of Knowledge Engineering ISSN: 0976-5816 & E-ISSN: 0976-5824, Volume 3, Issue 1, 2012, pp.-107-110 available

online at http://www.bioinfo.in/contents.php?id=40.

- A. Panat, et.al. "A Speech Transformation System for Emotion Conversion using MFCC and Modelling using GMM" International Journal of Electronics, Communication and Computer Engineering, IJECCE in Volume 4 , Issue 4, July 2013 with ISSN (online) 2249 - 071X and Impact factor 1.00
- Dr. Ashish Panat, et.al. "Feature Extraction and Classification of fMRI Images", Published in International Journal of Electrical, Electronics and Data Communications (IJEEDC) Oct.-2014, ISSN: 2320-2084 Volume-2, Issue-10, (Impact Factor 1.5)
- Dr. Ashish Panat, et.al. "Classification of Emotions from EEG using k-NN Classifier", Published in International Journal of Advances in Science Engineering and Technology (IJASET) , ISSN: 2321-9009 Volume- 3, Issue-2, April-2015
- A. Panat, et.al. "Application of 3 different Artificial Neural Network Architectures for Voice Conversion", Third International Conference on Information System Design and Intelligent applications, INDIA 2016, 8-9 January 2016, Vishakhapatnam. This paper is published in Springer Journal.
- A. Panat, et.al. "Comparison Between Different Methods for Epoch Extraction from Speech Signal", International Journal for Innovative Research in Science & Technology, Volume 2, Issue 9, February 2016, ISSN (online): 2349-6010, with Impact Factor 3.55

Conferences:

- Ashish Panat et.al. (2003), "Speech Recognition for Emotions with Neural Network: A Design Approach", International conference on Speech Technology [KES-03]; Publisher: Springer Berlin, Heidenberg; New-Zealand.
- Ashish Panat, el.al. [Dec. 2007], "Affective State analysis of Speech for Speaker Verification: Experimental Study, Design & Development" ICCIMA-07, Shivakasi, India, Volume 1; ISBN: 0-7695-3050-8:978-0-7695-3050-5, Pge: 255-261/. Published on IEEE Explorer.
- A. R. Panat, et.al., 'Analysis of Affective Speech for Fatigue Detection', Proceeding, ICWET '10 Proceedings of the International conference and workshop on Emerging Trends in Technology Pages237-240 ACM New York, NY, USA ©2010 table of contents ISBN: 978-1-60558-812-4 doi>10.1145/1741906.174
- Anita Patil, G.G. Kulkarni. Dr. Ashish Panat, "Extraction of Features from EEG Signal to Determine Seizure", International Conference on Electrical and Electronics Engineering (ICEEE) 2012, ISBN: 978-93-81583-47-0
- Anita Patil, Dr. Ashish Panat "Study of the EEG Signals of Human Brain for the Analysis of Emotions", 2nd International Conference on DIP & Pattern recognition (DPPR'12) held at Chennai in July 2012. Conference proceedings published by Springer, ISBN N0 978-3-642-31552-7 ISSN: 2194-5357
- B. Sathe-Pathak, A. Panat, "Comparison between different feature extraction techniques to identify the Emotion 'Anger' in Speech", from 2nd-4th January 2012 at Bangalore, in CCSIT-2012. pp. 647–653, 2012, Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 2012
- FPGA Implementation of FFT Processor Using Vedic Algorithm Tushar V. More; Ashish R. Panat Computational Intelligence and Computing Research (ICCIC), 2013 IEEE International Conference on Year: 2013 Pages: 1 - 5, DOI: 10.1109/ICCIC.2013.6724122
- Anita Patil, Gayatri Galgatte, Dr. Ashish Panat, "Comparison of Statistical Parameters of fMRI Images of Brain for the Purpose of Analysis of Emotions", 5th International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom) Sept. 2013 Bangalore, India. Conference Proceedings Published by IET on-line Digital Library, 2014, Pgs: 189 − 194, Print ISBN: 978-1-84919-842-4, DOI: 10.1049/cp.2013.2226.
- Anita Patil, Rohini Chavan, Dr. Ashish Panat, "Feature Extraction and Classification of fMRI Images", International Conference on Electrical, Electronics and Robotics" (ICEER'14) held at Bangalore, India, on 27th July 2014.
- Anita Patil, Gayatri Deshmukh, Dr. Ashish Panat, "Feature Extraction of EEG Signals in Different Emotional States", International Conference on Signal Processing and Computer Technology (ICSPCT 2014), May 2014, Pune, India
- Anita Patil, Gayatri Deshmukh, Dr. Ashish Panat, "Comparison of Features of EEG Signals for Different Emotions", International Conference in Electrical, Electronics and Communication Engineering (ICEECE), May 2014, Pune, India.
- Anita Patil, Gayatri Deshmukh, Dr. Ashish Panat, " Feature Extraction of EEG Signals in Different Emotional States ", Proceedings of 8th IRF International Conference, May-2014, Pune, India, ISBN: 978-93-84209-12-4
- B. Sathe-Pathak, M. Sayankar, A. Panat, "Emotion Transformation from Neutral to 3 Emotions of Speech Signal using DWT and Adaptive Filtering Techniques", Dec 11-13, 2014, page 57-58 in INDICON 2014 Proceedings. Published on IEEE Explore.
- B. Sathe-Pathak, A. Patil, A. Panat, "Comparison between Emotion Transformation Algorithms of Speech Signal using Spectral Mapping Techniques", 38th International Conference on Telecommunications and Signal Processing, TSP 2015, 9-11 July 2015, Prague, Czech Republic. Published on IEEE Explore.
- B. Sathe-Pathak, S. Patil, A. Panat, "Conversion of one Emotional state to other of a Speech Signal using Artificial Neural Network", 1st International Conference on Next Generation Computing Technologies, NGCT-2015, Dehradun, 4-5 September 2015. Page-138-143.Published on IEEE Explore.
- B. Sathe-Pathak, A. Panat, "Development of a Transformation Algorithm for Emotional Speech Signal using DWT and Adaptive Filter for a Voice Culture Training System", TENCON 2015, 1-4 Nov 2015, Macau, China. Published on IEEE Explore.
- Anita Patil, Vaishnavi Kaundanya, Dr. Ashish Panat, "Classification of Emotions from EEG using k-NN Classifier", International conference on Electrical, Electronics, Computer Science and Mechanical Engineering (ICEECSME), held by IRAJ (Institute of Research and Journals) forum on 15th Feb 2015 at Bangalore.
- Anita Patil, Vaishnavi Kaundanya, Dr. Ashish Panat, "Performance of k-NN classifier for Emotion Detection using EEG

- signals" IEEE International Conference on Communication and Signal Processing (ICCSP), April 2015, Tamil Nadu, India, Published on IEEExplore.
- Anita Patil, Dr. Ashish Panat, Supriya Ragade "Classification of Human Emotions from Electroencephalogram using Support Vector Machine", IEEE International Conference on Information Processing, Pune, 16-17 Dec 2015. Published on IEEExplore
- Published in Conference on Advances in Signal Processing, CASP 2016, Anita Patil, Dr. Ashish Panat, Chinmayee Deshmukh "Feature Extraction of EEG For Emotion Recognition Using Hjorth Features and Higher Order Crossings" 9-11 June 2016, at Pune.
- B. Sathe-Pathak, S. Patil, A. Panat, "Application of 3 different Artificial Neural Network Architectures for Voice Conversion", Third International Conference on Information System Design and Intelligent applications, INDIA 2016, 8-9 January 2016, Vishakhapatnam.
- Sathe-Pathak, S. Garripalli, A. Panat, "Analysis of Speech Signal using Excitation Source Information", International Conference in Micro-Electronics and Electronics & Telecommunication, ICMET-2016, 22-23rd Sept 2016, Delhi NCR Campus, Ghaziabad. To be published in IEEE Explore.
- A.R. Panat, et.al. ICECS'16, "Mathematical Model for Processing Typical Speech Signals to Study Its Effect on Human Stress: An Approach", Department of Electronics & Telecommunication Engineering, Karpagam College of Engineering, Myleripalayam, Coimbatore-641032.
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- A.R. Panat, et.al., International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) "Interleaver with high dimensional encoding principle using hybrid group search optimizer" Year: 2017, Pages: 2629 – 2635 IEEE Conferences
- A.R. Panat, et.al., International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) "Designing interleaver for high dimensional data transmission using hybrid GSO, Year: 2017, Pages: 1594 – 1601, IEEE Conferences

References :
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Languages Known: English, Hindi, and Marathi