DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

FACULTY PROFILE

Name of the Faculty	Dr. Sandeep Kotte
Designation	Associate Professor
Email & Phone No	kottesandeep@gmail.com & 9160113333
Date of Joining	01-06-2011
Nature of Association	Regular
Department	Computer Science and Engineering
Educational Background	1. Ph.D From ANU, Guntur, 2021
	2. M.S From Alpen Adria University of Klagenfurt, Austria, 2010
	3. B.Tech From PVPSIT, 2007
Research Areas	Software Reliability, Software Engineering
Experience	12 Years 3 Months

ORCiD   Google Scholar   Blog   Scopus

Sl. No	Institute	Designation	Period
1.	Dhanekula Institute of Engineering & Technology	Associate Professor	Sept 2021- Till date
2.	Dhanekula Institute of Engineering & Technology	Assistant Professor	June 2011 – August 2021
3.	Transportation Informatics Group, Institute for Intelligent System Technology	Research Assistant	Jan 2009 – Feb 2011

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

Patents

1. "Machine Learning Based Structural Vibration Compensation System And Method Thereof" Application Number: 202141038187 A, Publication Date (U/S 11a): 03/09/2021

List of Publications (National and International Journals)

1. M. N. V. Kiranbabu, A. F. S. Devaraj, Y. Garapati and **K. Sandeep**, " An Audit Trail Framework For Saas Provider Services and Outcomes Comparision In Cloud Environment," *2021 Third International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2021)* **(SPRINGER)**

2. M. N. V. Kiranbabu, A. F. S. Devaraj, Y. Garapati and **K. Sandeep**, "A Broker Approach in Elevation of Potential Service Provider for Consumer Preferences with Utility Function in Cloud Environment," *2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA)*, 2021, pp. 1772-1778, https://doi.org/10.1109/ICIRCA51532.2021.9544918 (IEEE)
https://ieeexplore.ieee.org/document/9544918/authors#authors

3. K. Sandeep, R. Satya Prasad "A Comparative Study of Analyzing Software Reliability with Order Statistics Approach Using ANOM", International Journal of Emerging Trends in Engineering Research ISSN: 2347-3983, Volume-8 Issue-9, September 2020. **(SCOPUS)**
https://doi.org/10.30534/ijeter/2020/01892020

4. K. Sandeep, R. Satya Prasad "Analyzing software reliability with order statistics approach using ANOM", Journal of Xidian University ISSN: 1001-2400, Volume-14 Issue-7, July 2020. **(SCOPUS)**

5. K. Sandeep, R. Satya Prasad "Model Prediction using Correlation in Contrast With QQ-Plot", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-9, July 2019. **(SCOPUS)**

6. K. Sandeep, R. Satya Prasad "Analysis of Theoretical sampling distributed using combined LPETM and ANOM subgrouping", Journal of Advanced Research in Dynamical and Control Systems **(SCOPUS)** ISSN: 1943-023X, Volume 11 Issue 1, Pages-467-471, May-2019.

7. K. Sandeep "Self-Driving Cars using CNN", Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162 Volume 6 Issue 3- March 2019.

8. K. Sandeep "Automated tool to convert handwritten text image into text", Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162 Volume 6 Issue 3- March 2019.

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9. K Sandeep "Promoting Device-to-Device Communication in Cellular Networks by Hashing Techniques" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-2 | Issue-3, April 2018.

10. K. Sandeep "Capturing semantic signals from probabilistic Knowledge base to enrich the short texts", International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS) ISSN: 2321-5461 Volume 5 Issue 6- June 2017.

11. K. Sandeep, "A Novel Approach to Detect and Rectify Skin Distortion Based On A Single Fingerprint Image", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 23 Issue 5 – SEPTEMBER 2016.

12. K. Sandeep, "Characters Recognition of Automobile License Plates On The Digital Image", International Journal of Engineering & Science Research, Vol-5, Issue-5, May 2015, Pages: 302-309, ISSN 2277-2685.

13. K. Sandeep, "Gender-Driven Emotion Recognition System Using Speech Signals For Human Computer Intelligent Interaction", International Journal of Innovative Research in Computer Science & Technology (IJIRCST), ISSN: 2347-5552, Volume-3, Issue-3, May 2015.

14. K. Sandeep, " Discover Allotment Using Virtual Machines", International Journal for Development of Computer Science & Technology (IJDCST), Oct 2014, Issue- V-2, I-7, SW-07, ISSN-2320-7884 (Online), ISSN-2321-0257 .

15. K. Sandeep, "Node Security Mechanisms for Secure Embedded Systems", International Journal of Information & Computation Technology (IJICT), volume. 3, Number 9, pp. 734-736, ISSN 0974-2239, March 2013

16. K. Sandeep, " Extraction Of Visual And Acoustic Features Of The Driver For Real-Time Driver Monitoring," International Journal of Advances in Engineering & Technology (IJAET), vol. 3,Issue 1, pp. 322-333,ISSN 2231-1963, March 2012 http://www.archives-ijaet.org/media/37I7-IJAET0703732-EXTRACTION-OF-VISUAL.pdf

17. K. Sandeep, " Secured Auditing of Outsourced Data using Linear Programming in Cloud," (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 3 (4), 2012,4785 - 4789, ISSN:0975-9646, August 2012. http://www.ijcsit.com/docs/Volume%203/vol3Issue4/ijcsit2012030445.pdf

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National/International Conferences ((National and International)

1. K. Sandeep**, "**Development of a prototype based on the Nintendo Wiimote to enhance standard projector-based presentations with white board functionality", IEEE International Conference on Human Computer Interactions (ICHCI), 23rd & 24th August 2013

2. K. Sandeep, " Smart Doorbell based on Standard Low-Cost Affordable Components", IEEE International Conference on Human Computer Interactions (ICHCI), 23rd & 24th August 2013.

3. K. Sandeep, "Extraction of Visual and Acoustic Features of the Program for Monitoring the Driver Ergonomics in Extended Application to Driver Assistance Systems" in 3rd Lakeside International Conference 2010 held at Villach, Austria.

Achievements / Awards etc

1. Got Ist Rank in ANURCET-2015 Ph.D Entrance Exam conducted by Acharya Nagarjuna University, Guntur

2. Letter of **appreciation from IIT Bombay**, for spreading awareness and holding software training workshops at Dhanekula Institute of Engineering & Technology, making an **outstanding contribution of using ICT based teaching and learning methodology for students of DIET**, Andhra Pradesh for AY 2018-19.

3. Certificate of Appreciation for being the **Best Teacher** at Dept. of CSE, Dhanekula Institute of Engineering & Technology for AY 2018-19 & 2019-20.

4. Certificate of Appreciation for being the **Best Student Mentor** at Dept. of CSE, Dhanekula Institute of Engineering & Technology for AY 2017-18 & 2018-19.

Certification Courses completed/ FDPs attended.

1. Participated & completed successfully AICTE Training and Learning (**ATAL**) Academy Online Elementary FDP on "**Cyber Security**" from 08/11/2021 to 12/11/2021 at Lakireddy Bali Reddy College of Engineering.

2. Participated in a **'6-day Online Faculty Development Program on Multi Technology'** from 21st to 26th June 2021 organized by Dept of ECE, Srinivasa Ramanujan Institute of technology, Ananthapuramu, AP.

3. Participated in a **'6-day Online Faculty Development Program on Machine Learning on Recent Trends and Applications Phase-IV'** from 28th June to 03rd July 2021 organized by Dept of CSE, in Collaboration with Brainovision Solution India Pvt.Ltd and National Youth Council of India

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4. Participated in a **'6-day Online Faculty Development Program on Machine Learning and IoT Technologies for environmental Issues'** from 26th to 31st October 2020 organized by Dept of CSE, PVPSIT, Vijayawada.

5. Participated in the **'5-day online training programme on Effective Teaching learning Strategies in Technical Education.'** Organized by VRSEC in collaboration with AICTE margdharshan from June 22nd to $26^{th,}$ 2020.

6. Participated in a **'5-day Online Faculty Development Program on Blockchain Technologies'** organized by Dept of CSE & IT in association with CSI, Gudlavalleru Engineering College from 9th June to 13th June 2020.

7. Participated in a **'5-day Online Faculty Development Program on Machine Learning'** from 1st June to 5th June 2020 organized by Dept of CSE, LBRCE Mylavaram.

8. Participated in a **'5-day Online Faculty Development Program on Artificial Intelligence'** from 22nd May to 26th May 2020 organized by Dept of CSE & IT, BVRIT Hyderabad in association with NYCI & Brainovision Solutions India Pvt.

9. Participated in **'One day Workshop on R'** held at Dhanekula Institute of Engineering & Technology, Vijayawada on 09th November 2019. This training was organized by the Teaching Learning Center ICT, at IIT Bombay.

10. Certificate of Appreciation for participating in **Internship Day held at AICTE Headquarters**, New Delhi on 25th August 2019.

11. Successfully completed 12 weeks NPTEL online certification course **"Joy of Computing using Python"** and obtained **Elite+Silver** Grade, Jan to Apr 2019

12. **Workshop Coordinator** for the blended mode workshop on Moodle **Learning Management conducted by IITBombay** at Dhanekula Institute of Engineering & Technology on March 15th, 2019 under the National Mission on Education through ICT, MHRD, New Delhi.

13. Participated one day Coordinators' Workshop on the **"Moodle Learning Management System"** held at Indian Institute of Technology Bombay, on 1 March 2019.

14. Successfully completed 10 weeks IITBombay online MOOCs **"Pedagogy for Online and Blended Teaching-Learning Process- FDP201x"**, JAN-2019

15. Successfully completed 6 weeks IITBombay online MOOCs **"Foundation Program in ICT for Education- FDP101x"**, OCT-2018.

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16. Participated one day seminar on **"Digitization vs Digital Based Amalysis"** in collaboration with TCS under AICTE Margdarshan held on 31st October 2018 organized by the Dept. of CSE, VRSEC.

17. Convener of the **International Conference on Recent Advances in Computer Science and Communication Technology (ICRCST-18)** held at Dhanekula Institute of Engineering & Technology on 6th & 7th April 2018.

18. Participated in one week Faculty Development Programme(FDP) on **"IOT & Analytics"** organized by the E&ICT Academy, NIT Warangal at the Dept. of CSE, Dhanekula Institute of Engineering & Technology from 21st to 26th October 2017.

19. Participated in two-day Faculty Improvement Program on **AWS Technical Essentials** which was jointly conducted by AWS and APSSDC from 12th & 13th October 2017.

20. Participated in three-day Faculty Development Programme (FDP) on "**Big Data Analytics & Computer Forensics**" at the Dept. of CSE, Dhanekula Institute of Engineering & Technology on 2nd, 3rd & 4th May 2016.

21. Successfully completed the training in **IBM SEED Program** at Dhanekula Institute of Engineering & Technology from 8th to 10th October 2015.

22. Participated in the **Entrepreneurship Awareness Programme** organized by the centre for Entrepreneurship Development held on 20th & 21st June 2014, at Dhanekula Institute of Engineering & Technology

PG Projects Guided: 4

UG Projects Guided: 12

Professional Memberships:

S. No	Name of the Society	Membership No
1	Computer Society of India, CSI	F8000579
2	The Indian Society for Technical Education, ISTE	LM-121089
3	International Association of Engineers, IAENG	M-211322
4	International Computer Science and Engineering Society, ICSES	M-2450

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Reviewer in "International Journal of Business Intelligence and Data Mining" *indexed in*
Scopus (Elsevier)

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