

Name of Faculty Dr. D. Krishna Reddy
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 05-07-2001
 E-mail dkrishnareddy_ece@cbit.ac.in



Educational Qualifications

S.no	Qualification	Course	Division	University	Year
1	B.E	Electronics & Communication Engineering	First Class with Distinction	University College of Engineering Andhra University	1990
2	M.E	Microwave and Radar Engineering	First Class	University College of Engineering Osmania University	1995
3	Ph.D.	Electronics & Communication Engineering. Thesis title: Investigation of various position fixing techniques for mobile communication applications	Not Applicable	University College of Engineering Osmania University	2008

Experience

Teaching: 30 Years Research: 6 years Industry: 1year

S.no	Designation	Department	Institution / Industry	Time period
1	Professor	Dept. of Electronics and communication Engineering	Chaitanya Bharathi Institute of Technology, Hyderabad	October 2008 to Till date
2	Associate Professor	Dept. of Electronics and communication Engineering	Chaitanya Bharathi Institute of Technology, Hyderabad	July 2001 to Sep. 2008
3	Associate Professor	Dept. of Electronics and communication Engineering	Vignan Institute of Technology and Science, Hyderabad	December 2000 to July. 2001
4	Associate Professor	Dept. of Electronics and communication Engineering	Koneru Lakshmiiah College of Engineering Vijayawada.	August 1999 to Dec. 2000
5	Reader	Dept. of Electronics and communication Engineering	Sir CRR College of Engineering, Eluru.	October 1997 to Aug. 1999
6	Lecturer	Dept. of Electronics and communication Engineering	Sir CRR College of Engineering, Eluru.	September 1992 to Oct. 1997
7	Graduate Engineer	Captive Power Plant	Indian Charge Chrome Limited, Cuttack	June 1990 to June 1991

Professional Bodies Memberships

S.no	Professional Body	Membership	Membership number
1	Institute of Electrical and Electronics Engineers (IEEE)	Member	M90721029
2	Indian Society for Technical Education (ISTE)	Member	LM 2215
3	Society of Electro Magnetic Compatibility Engineers India (SOEMCEI)	Member	LM 496
4	Institution of Electronics and Telecommunication Engineers (IETE)	Fellow Member	F165581
5	IEEE SPSSPC	Advisor	SBC31231B
6	Institution of Engineers (India)	MIE	M-1765536

Responsibilities held at Institute level Dept. Level

Curriculum Development

- 1 Chairman, BOS, ECE Dept. Since October 2018
- 2 Member in BoS, Dept. of ECE, Mahatma Gandhi Institute Technology, Hyderabad
- 3 Member in BoS, Dept. of ECE, Holy Mary Institute of Technology & Science, Hyderabad
- 4 Member in BoS, Dept. of ECE, TKR College of Engineering and Technology,
- 5 Member in BoS, Dept. of ECE, G. Narayanamma Institute of Technology & Science, Hyderabad
- 6 Member in BoS, Dept. of ECE, Malla Reddy Engineering College, Hyderabad
- 7 Formulated the syllabus and course structure for the BTEC tie up program in CBIT with DUDLEY College, UK and EDEXCEL, UK.
- 8 Syllabus drafted for subject entitled "Selected Topics in Strategic Electronics" code EC 619 which is introduced as elective for 2nd semester ME (ECE-CE)
- 9 Reviewed the book on "Advanced Digital Signal Processing" of Tata McGraw Hill education

Accreditation Responsibilities

- 1 In 2004, 2007, 2013, 2017 & 2022 I was well involved & lead the Department in the accreditation process. Instrumental in obtaining NBA accreditation.
- 2 In 2011, CBIT was intended to go Autonomous, I had given the responsibility in organizing the necessary things and preparing Self-Appraisal Report (SAR). During the autonomous Committee visit in the college, SAR has received good remarks and appreciation by visiting team
- 3 In 2002, during the PG Programs initiations my role is clearly evident and unforgettable. I was involved in developing the curriculum M.E (Communication Engineering)
- 4 Involved in obtaining NAAC accreditation status for the institute (Cycle 1 & 2), 2013 & 2017
- 5 Instrumental in getting recognition to the department as research center by Osmania University.
- 6 An additional intake was proposed by dept. in the year 2004 and 2012. In the process of obtaining this additional intake I was involved in preparing the necessary DPR to AICTE and Osmania University.

Administrative Responsibilities

- 1 Head, Dept. of ECE since 2018
- 2 NIRF Nodal Officer for CBIT from since 2016
- 3 Member in academic audit committee and audited the Mechanical engineering dept. on 30.03.2017
- 4 Convener, Student Attendance Monitoring Committee (SAMC), 2014
- 5 Purchase committee member IETE, Hyderabad centre 2014
- 6 Member Grievance, Redressal Cell, CBIT 2014
- 7 Member, Board of Studies, Dept. of ECE, CBIT Since 2013
- 8 Member, PG Accreditation committee, Communication Engg Programme, CBIT 2016
- 9 Departmental coordinator - TEQIP Phase-II, CBIT
- 10 Member, Planning Committee for DST sponsored SERC School IV organized at NERTU, OU 2008
- 11 Member, Planning Committee for DST sponsored SERC School V organized at NERTU, OU 2012

- 12 Member, R&D Committee, CBIT 2009
- 13 Coordinator for B.E. projects, All branches of CBIT 2009
- 14 Member –Anti Ranging Committee 2008 to till date
- 15 Convener, cultural, Stage and seating arrangements to organize CBIT annual day celebration by name SHRUTHI. 2008 to 2015
- 16 In charge, Special classes for weak students, CBIT 2009
- 17 Adviser and Counsellor , PG CBIT 2008 – 2009
- 18 Member, Student counselling and feedback – PG & UG courses, CBIT 2008 – 2011
- 19 Member, Programme subcommittee, IETE, Hyderabad centre 2008 – 2010
- 20 Course Coordinator for M.E. Communication Engineering, Dept. of ECE, CBIT 2008-17
- 21 Observer, DST sponsored 3rd SERC school, organized at NERTU, OU 2007
- 22 In charge, Intercom Digital EPABX system, CBIT 2003 – 2007
- 23 Dept. In charge, Student Transportation, CBIT Since 2003 - 2010
- 24 Core committee member – ISO 9001:2000, CBIT
- 25 Head of the Department for six months for Electronic Instrumentation Department in Sir C.R.R. College of Engineering, ELURU.
- 26 Head of the Department for six months for ECE Department in Sir C.R.R. College of Engineering, ELURU.
- 27 Academic development committee member at Sir C.R.R. College of Engineering, ELURU
- 28 Head of the Department for ECE Department at Vignan Institute of Technology and Science, Hyderabad.
- 29 Coordinator for conducting Student Technical Seminars at KLCE, Vijayawada.
- 30 Member in Academic Development Activity Committee, at Sir CRR College of Engg., Eluru, AP
- 31 Member in Sports and Gardening Committee at Sir CRR College of Engg., Eluru, AP
- 32 Member to organize Janma Bhoomi Programs and Clean and Green activity at Sir CRR College of Engg., Eluru, AP

Academic & Professional services

- 1 Member Editorial Board, ICTACT Journal on Communication Technology, 2012
- 2 Reviewer of TATA McGraw Hill education book on “Advanced digital signal Processing”, 2011
- 3 Member – Review Committee, NCETEC 2K14, MVSR Engg. College, Hyderabad, Feb. 2014
- 4 Review Member, for sanction of DST project proposal, 2013

- 5 Member – Review Committee, ICACM-13, GRIET, Hyderabad, Aug. 2013
- 6 Member – Review Committee, ICACM-11, GRIET, Hyderabad, 2011
- 7 Review member, National level Technical Symposium – “ELECTRET 2014”, Mar. 2014
- 8 Reviewer for Key of FRO recruitment exam conducted by APPSC, Hyderabad,2012
- 9 Member, Organizing Committee NAVCOM-2012, Organized by NERTU and DRDO, 2012
- 10 In-charge for communications lab, Dept. of ECE, CBIT
- 11 Developed PPTs for Signals & Systems, Analog Communication, Digital Communication, EMTL, Antennas & Wave Propagation, DSP, Optical Communication, PTPS, Detection and Estimation Theory, Radio Navigational Aids, Microwaves and Radar Engineering, Satellite Communication, Mobile Cellular Communication

Expert Member and Resource/Review member

- 1 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Vardhaman College of Engineering, Hyderabad
- 2 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., GNITS, Hyderabad
- 3 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., MREC, Hyderabad
- 4 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Vidya Jyoti Institute of Technology, Hyderabad
- 5 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Holy Mary Institute of Technology & Science, Hyderabad
- 6 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Krishna Murthy Institute of Technology and Engineering (2014)
- 7 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Dr. Paul Raj Engineering College, Bhadrachalam
- 8 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Methodist college of Engineering & Technology, Hyderabad appointed by Osmania University, 2013
- 9 Subject expert member in the selection committee for faculty positions to the Dept. of Electronics and Communication Engg., Stanley college of Engineering & Technology for Women, Hyderabad appointed by Osmania University, 2013
- 10 Member of Departmental Research Committee, ECE Dept., College of Engg, Osmania University, Hyd.
- 11 Reviewer for Key of Forest Range Officer (FRO) recruitment exam conducted by APPSC, Hyderabad, 2012
- 12 Guest Faculty/Visiting Faculty for ECE Dept. College of Engineering Osmania University,
- 13 Resource person in various workshops in delivering the lectures on Communications, Signals and systems, Random variables and Random Process, GPS and 5G.
- 14 Associated with NERTU of Osmania University, Hyderabad.

Research Guidance

S.no	Ph.D./PG	Awarded	Submitted	Pursuing
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1	Ph.D.	5	3	8
2	PG	25	-	-

Awards/Achievements Received

- 1 Nominated as Co-Chairman for SHRUTHI-2023
- 2 Received Best Teacher Award for the Contribution in Research area on Teachers day 2022
- 3 Nominated as an External Expert for conduct of DRTC Assessment Board CEPTAM, DRDO Hyderabad – 2022
- 4 Empanelled as an Expert Member of Departmental Promotion Committee, NRSC, Balanagar, Hyderabad-2022
- 5 Nominated as member of Governing body of CBIT (09.01.2022 to 08.01.2025)
- 6 Nominated as Chairman for SUDHEE – 2022
- 7 Nominated as Selection Committee member, JNTU Hyderabad – 2022
- 8 With reference to the feedback reports, graded as best teacher by students in all the courses handled.
- 9 Recognized supervisor by Osmania University and JNTU for guiding Ph. D scholars.
- 10 Recipient of National Merit Loan Scholarship.
- 11 Guest faculty for the PG course in Dept. of ECE Osmania University College of Engineering, Hyderabad.
- 12 EAMCET Rank 242 (1986)
- 13 GATE score: 95.19 percentile (1991)
- 14 Dr. D. Krishna Reddy received Best Teacher award from the CBIT Hyderabad during Annual day Celebrations, 2018
- 15 Dr. D. Krishna Reddy is member in CDR (Critical Design Review) committee of project “SHAKTI” of programme Samudrika of DLRL, Jan. 2017

Courses Handled at Under Graduate / Post Graduate Level.

Signal and System, Microprocessor and Microcontrollers, Satellite Communication, Digital Signal Processors, Analog Communications, Digital Communications, Antenna and Wave Propagation Electronics and Measurements, Probability and Random Process Radio Navigational Waves, Global Position Systems, Wireless Mobile Communications, Optical Fib recommunication, Electro Magnetic Theory and Transmission Lines, Network Theory, Radar Systems, Microwave Communications, Electronic Devices and Circuits.

Labs Established & Lab manuals prepared

Established Labs

Lab Manuals prepared

Wireless & Mobile Communication lab, Analog communication lab, Digital communication lab, Micro waves lab, Digital Electronics Lab, SCDC Lab, PDC Lab, Integrated Circuits Lab & Electronics lab

Communications lab for PG, Networks lab, CE lab, DCS lab for UG

No. of Papers Published

Total Publications = 135

Google Scholar Link: <https://scholar.google.com/citations?user=plJhF3YAAAAJ&hl=en>

Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=56585346900>

LinkedIn Link: <https://www.linkedin.com/in/desireddy-krishna-reddy-86aa81234/>

Orcid Link: <https://orcid.org/0000-0002-0279-2115>

Publons Link: <https://publons.com/researcher/4095289/desireddy-krishna-reddy/>

International Journals	41	International Conferences	55	Books / Chapters	04
National Journals	4	National Conferences	18	Technical Reports / Articles	13

Projects Carried Out

Sponsored R&D Projects

S.no	Investigators	Project Title & Sanction Order	Duration	Funding Agency & Scheme	Fund (Rs. Lakhs)	In
1	Dr. D. Krishna Reddy & Dr. A. D. Sarma	Data Processing Techniques to Improve Real-Time Performance of GNSS Systems SR/S4/AS:89/2012 (dated 25.09.2012)/ (2012-14) 2 Years	2012 -2014 (2 Years)	SERB, DST, New Delhi under CRG scheme.	9.404	
2	Dr. A. D. Sarma, Dr. D.L.S. Reddy & Dr. D. Krishna Reddy	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps CRG/2021/001660/ (2022-25)3 Years	2022 - 2025 (3 years)	SERB, DST, New Delhi under CRG scheme.	37.0436	
3	Dr. D. Krishna Reddy, Dr. A. D. Sarma & Dr. P. Sathish	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavIC System 8-34/ FDC/RPS/POLICY-1/2021-22/(2022-25)/ 3 Years	2022 - 2025 (3 years)	grant from AICTE under RPS Scheme	19.61333	

Sponsored Consultancy Projects

S.no	Investigator	Project Title	Duration	Client Agency & Scheme	Fund (Rs. Lakhs)	In
1	Dr. A. D. Sarma, Dr. D. Krishna Reddy & Dr. P. Sathish	Performance evaluation of IRNSS in the context of position and velocity 2015 ITS:CARS-336 dated 02 Feb 2015/2015-17	2015-2017 (2 Years and 9 months)	RCI, DRDO, Hyderabad Under CARS scheme.	15	

Patents

Noise Adaptive Approach for improving the Bit Error Rate (BER) in three-dimensional turbo codes.
Appl No: 202241026206A

Technology Transfer

Session chair for various conferences

- 1 Session chair for National Conference on Advancements and Innovations in Engineering, Technology and Management held during 19-20 March 2014 at Joginapally B.R. Engg. College, Hyderabad
- 2 Session chair for Technical Session, MICROCOSM- 2014, 14-15 Feb 2014, ECE Dept., MGIT, Hyderabad
- 3 Session chair for Technical Session – Communications, ISTE National Level Student Paper contest 1st March 2014, GNITS, Hyderabad
- 4 Session Chair for Communications, Advances in communications and Electrical Engineering (NCACEE 2K13) 6-7 Sep. 2013, Dept. of ECE, Malla Reddy Engg. College, Hyderabad
- 5 Session Chair for Wireless and mobile communication systems, Pearl Jubilee International Conference on Navigation and Communication (NAVCOM 2012), 21-22 Dec. 2012, Jointly organized by NERTU, OU Hyderabad and DLRL Hyderabad
- 6 Session chair for Paper presentations – technical session, Potenza 2012, 26-27 Sep. 2012, Dept. of EEE MGIT, Hyderabad
- 7 Session chair for Student technical Fest, ISTE National level Student Technical Meet IGNUM-2012, GNITS, 4th March 2012 Hyderabad
- 8 Session chair for Technical Session, A national level technical symposium AAKRUTHI-2012 Organized by Dept. of ECE, Osmania University, Hyderabad
- 9 Session chair for Technical Session, Advances in wireless communications, 3rd March 2012, Dept. of ECE, Vasavi college of Engineering, Hyderabad
- 10 Session chair for Technical Session, International Conference on Advanced Computing Methodologies (ICACM-2011) 11th Dec. 2011, GRIET, Hyderabad

Invited Talks/Guest lectures

- 1 Delivered guest lecture on “Mobile Communication Standards and Channel Characterization for position fixing”, Course on “Emerging Trends in Mobile and Cloud Computing” ISTE Sponsored (Vide Ref. no: ISTE/Proceedings/STTP-SF/2014-15, dt:05/12/14) A Two week STTP - Refresher course (RC) under TEQIP-II held during 29th Dec, 2014 to 9th Jan, 2015 at CSE dept., CBIT, Hyderabad
- 2 Delivered guest lecture on “Advances in Navigation Techniques” on 25th March 2017 in Student technical fest “ISTE IGNIUM 2K17”, organized by ISTE chapter of GNITS, Hyderabad.
- 3 Delivered Invited talk “Radar principles”, A two day intensive course on “Electronic Intelligent (ELINT) Systems” jointly organized by department of ECE, CBIT with DLRL, DRDO, Hyderabad held during 12th -13th December 2014,
- 4 Guest Lecture on Analog communications, Dept., of ECE, Avanthi Institute of Engg. Tech., Hyderabad, on 20.10.2014
- 5 Delivered Guest Lecture on “Communication Lab techniques” in Three day Laboratory Workshop on “Electronics & Communication Engg,” 27th -29th November 2013, Organized by Dept., of ECE, CBIT
- 6 Delivered Guest Lecture on “GPS and its Augmentation Systems”, Two day national seminar on “GPS and its Augmentation Systems – GAGAN for Aircraft Navigation” 22nd -23rd November 2013, Organized by Dept., of ECE, CBIT
- 7 Delivered Guest Lecture on “Radio Navigational Aids”, 5th SERC School on “GPS applications and Atmospheric constraints” ,13th June to 3rd July 2012, Organized by NERTU, OU, Hyderabad
- 8 Delivered Guest Lecture on “Basics of GPS”, Two day course on “Basics of GPS and its Applications”, 23rd -24th Dec. 2010, Organized by IIPC and ISTE chapter of CBIT
- 9 Delivered Guest Lecture on “Applications of GPS for Mobile Communications”, “Three week refresher course on “Integrated Survey with DGPS and Total Station”, 08-11-2010 to 29-11-2010, Organized by UGC-Academic Staff College, JNTU Hyderabad
- 10 Delivered Guest Lecture on “GPS Data Formats”, 4th SERC School on “Atmospheric Effects on GPS and Local Area Augmented System (LAAS)”, 17th June to 7th July 2009, Organized by NERTU, OU

- 11 Delivered Guest Lecture on “Generations of Mobile communications and positioning techniques”, AICTE sponsored 6-day work shop on “Latest Trends in Cellular and Mobile Communications”, 22nd to 27th June 2009, Organized by GNIT, Hyderabad
- 12 Delivered Guest Lecture on “GPS Data Formats”, Three day intensive course on Global Navigation Satellite Systems (GNSS), 3–5 December 2008, Organized by NERTU, OU, Hyderabad
- 13 Delivered Guest Lecture on “Demonstrated Hand held ML 250 GPS Receiver and Dual Frequency GPS Receiver”, Three day intensive course on “Global Navigation Satellite Systems (GNSS)”, 15 – 17 November 2006, Organized by NERTU, OU, Hyderabad
- 14 Delivered Guest Lecture on “Overview of GPS and GIS”, AICTE- ISTE sponsored Short Term Training Program (STTP) on “Remote Sensing and Satellite Image Processing”, 28th June to 10th July 2004, Organized by CSE dept., CBIT, Hyderabad
- 15 Delivered Guest Lecture on “GPS Software Defined Radio”, Three day intensive course on “GPS and its Applications”, 21st – 23rd January 2004, Organized by NERTU, OU, Hyderabad
- 16 Delivered Guest Lecture on “Overview of mobile communication”, on 08.10.2013, Dept. of ECE Malla Reddy Engineering College, Hyderabad
- 17 Delivered Guest Lecture on “Analog communications”, on 20.09.2013, Dept., of ECE, Avanathi Institute of Engg. Tech.
- 18 Delivered Guest Lecture on “Fundamentals on GPS”, on 18.01.2013, Dept. of ECE, Holy Mary Institute of Technology and Science, Hyderabad
- 19 Delivered Guest Lecture on “Advanced communications”, on 14.09.2012, Vidya Institute Of Technology, Chevella, R.R. Dist., Hyderabad
- 20 Delivered Guest Lecture on “Various generations of mobile communications”, on 27.03.2012, Islamia College of Engineering and Technology for Women
- 21 Delivered Guest Lecture on “3G Communications”, on 02.02.2012, Hyderabad Institute of Technology and Management, Hyderabad
- 22 Delivered Guest Lecture on “Recent trends in Communications”, on 08.09.2011, DBS Institute of Technology, Kavali
- 23 Delivered Guest Lecture on “Various generations of Mobile Communications”, on 08.07.2008, MGIT, Hyderabad
- 24 Delivered Guest Lecture on “Wireless Communication – GSM/GPRS and GPS”, NMEA Protocols, FDP, 2nd- 4th December 2009, MGIT, Hyderabad
- 25 Delivered a series of expert lecture on “Analysis of Signals and Transforms” at IETE, Hyderabad 2006
- 26 Demonstrated the operation and working principle of “GPS receiver” to IETE students Hyderabad 2007
- 27 Delivered a guest lectures on “Communication Principles” at Advanced Training Institute, Hyderabad 2006
- 28 Demonstrated experiments on GPS for M.E students of ECE dept. of O.U college of Engineering 2006
- 29 Delivered guest lectures on “Advanced Communications Systems” at Dr. Paul Raj, Engineering College, Bhadrachalam 2000
- 30 Demonstrated experiments on GPS for M.E students of ECE dept. of College of Engineering OU, Hyderabad
- 31 Demonstrated the operation and working principle of “ML-252 Handheld GPS receiver” at 1st Science and Engineering Research Council (SERC) school sponsored by DST, organized at NERTU OU, Hyderabad 2004

No. of Books/Chapter Published with details

1. P. Sathish and D. Krishna Reddy, “Study of IRNSS Receiver Doppler Positioning in Kinematic Conditions”, Recent Developments in Engineering Research Vol. 3, Book Publisher International, Print ISBN: 978-81-947979-4-4, eBook ISBN: 978-93-90206-97-1, Chapter 8, pp. 134-145, bp.bookpi.org/index.php/bpi/catalog/book/261, DOI: 10.9734/bpi/rder/v3, September 2020.
2. P. Sathish and D. Krishna Reddy, “Predictive Data Optimization of Doppler Collision Events for NavIC System”, Advances in Intelligent Systems and Computing 979, Numerical Optimization in Engineering and Sciences, Select Proceedings of NOIEAS 2019, Springer, Debashis Dutta, NIT Warangal and Biswajit Mahanty IIT Kharagpure, ISSN: 2194—5357, ISSN:

2194—5365 (electronic), <http://www.springer.com/series/11156>, ISBN: 978-981-15-3214-6, ISBN: 978-981-15-3215-3 (eBook), https://doi.org/10.1007/978-981-15-3215-3_57, pp 583-589, Springer Nature Singapore Pte Ltd. 2020

3. M Rajendra Prasad, D Krishna Reddy, "An Experimental System Level Performance Analysis of Embedded Systems for GSM Application" Advances in Decision Sciences, Image Processing, Security and Computer Vision. Learning Analytics in Intelligent Systems 4, Springer Cham, <http://www.springer.com/series/16172>, Vol. 2, Print ISBN: 978-3-030-24317-3 Online ISBN: 978-3-030-24318-0 (eBook), ISSN: 2662-3447, ISSN: 2662-3455 (electronic), DOI https://doi.org/10.1007/978-3-030-24318-0_40, published by the registered company Springer Nature Switzerland AG, pp 327-334 eBook Packages Intelligent Technologies and Robotics, July 2019.
4. Rajendra Prasad M, Krishna Reddy D, "System Level Performance Analysis of Embedded Systems for GSM Applications", Lecture Notes in Electrical Engineering, Chapter 24, Vol 403, DOI 10.1007/978-981-10-2999-8_24, pp 287-302, ISBN:978-981-10-2999-8, Springer nature Singapore Pte Ltd. 2017.

Sponsored Courses conducted

S.no	Course Title	Duration	Sponsored Agency	Cost (Rs.)
1	a) STTP – "Current trends and emerging advances in Marine Navigation Communication" – PHASE 1	07 – 12 th Dec 2020	AICTE	2,46,667
	b) STTP – "Current trends and emerging advances in Marine Navigation Communication" – PHASE 2	23 – 28 th Nov 2020		
2	Communication Intelligence (COMINT) Systems	25 th -26 th October 2016	Partially Sponsored by DRDO New Delhi through Grant in Aid	50, 000
3	Electronic Intelligence (ELINT) Systems	12 th – 13 th Dec. 2014	Partially Sponsored Convergent Technologies, Bangalore	45, 000
4	A Two National Seminar on "GPS and its Augmentation systems – GAGAN for Aircraft Navigation"	22 nd – 23 rd Nov. 2013	AICTE	1.5 Lakhs
5	Basics of GPS	10-12 December 2010	ISTE & IIPC Chapters of CBIT	10, 000

Workshops/Training programs Organized

- 1 Coordinator, a two day intensive course on "COMmunication INTelligence (COMINT) Systems", Jointly organized by ECE dept., (CBIT) and DLRL (DRDO) with partially Sponsored Grant in aid (Rs. 50,000/-) by DRDO, New Delhi, held during 25th -26th October 2016.
- 2 Coordinator, a two day intensive course on "Electronic Intelligence (ELINT) Systems", Jointly organized by ECE dept., (CBIT) and DLRL (DRDO) with partially Sponsored (Rs. 45,000/-) by Convergent Technologies, Bangalore, held during 12th – 13th Dec. 2014.
- 3 Coordinator, AICTE sponsored (Rs. 1,50,000/-) a two day national seminar on "GPS and its Augmentation systems – GAGAN for Aircraft Navigation", 22nd – 23rd Nov. 2013
- 4 Coordinated a National congress on "Communications and Computer Aided Systems (CCAES-2012) Supported by TEQIP and technical association with local IEEE chapter, local IETE chapter and CBIT ISTE chapter during 20th - 21st April, 2012.
- 5 course on "Basics of GPS and its Applications" sponsored by IIPC and ISTE chapters of CBIT, 23rd -24th Dec. 2010
- 6 Coordinated a National level student technical symposium "SYNAPSE '10", during 8th – 9th April 2010
- 7 Technical Committee In charge for National level student technical symposiums SYNAPSE '01, SYNAPSE '05, SYNAPSE '06, SYNAPSE '08, SYNAPSE '11, SYNAPSE '12, SYNAPSE '13, SYNAPSE '14

Training Programs attended

S.no	Programme	Duration	Organized by
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1	NRSC sponsored intensive course on Satellite Navigation	30-31 October 2017 2 days	NRSC, Hyderabad
2	AICTE Sponsored FDP on Real Time Signal Processing	2 Weeks 2 nd -14 th Dec.13	CBIT, Hyderabad
3	Academic Leadership Program	4 days 9 th to 12 th July 2013	Shruth & Smith foundation, Bengaluru
4	Mission 10X sponsored Wipro Technologies & ISTE	1 week workshop 28 July to 1 Aug. 2008	CBIT, Hyderabad
5	3 rd SERC school – Atmospheric effects on GAGAN sponsored by SERC, DST, New Delhi	3 Weeks 14 th Nov. to 4 th Dec. 2007	NERTU, OU, Hyderabad
6	New Trends in Active Filters for Improving power quality Sponsored by ISTE	2 weeks 22 Dec.97 to 3 Jan 1998	ISTE, REC, Rourkela.
7	Outcome Based Education & Accreditation, Phase-I & Phase _II Supported by TEQIP-II	4 days Phase-I : 03.02.2014 Phase _II: 15 th -17 th February 2014	Nodal centre, OU COE, Training centre of NBA, CBIT
8	Indian Nuclear Society Annual Conference (INSAC-2011)	24 th -26 th Nov.2011 3 days	INS and ECIL, Hyderabad jointly sponsored by DAE and DRDO
9	Entrepreneurship Awareness Program	3 days 8-10 Aug. 2002	Open Learning Program in Entrepreneurship (OLPE) cell of CBIT, Hyderabad.
10	Design of VLSI Systems and its Applications	3 days 16 – 18 Feb. 2001	ISS College of Information Technology for Women, Hyd.
11	TEQIP Conclave on “Enhancing Quality of Technical Education and Research”	2 days August 30-31, 2013	IIT Hyderabad
12	Advanced Numerical Electromagnetic modelling of Antennas	2 days 27 th - 28 th December 2003	NERTU, OU, Hyderabad.
13	Micro Controller, PLC and its applications (AMP-2K4)	2 days 19-20 March 2004	CBIT, Hyderabad.
14	Smart Antennas for Wireless Communications	1 day 16 Dec. 2002	NERTU, OU, Hyderabad.
15	MATLAB & Simulink for Engineering Education	1 day 31 Aug. 2012	Mathworks India Pvt. Ltd., Hyderabad
16	Three day intensive course on “Global Navigation Satellite Systems (GNSS)”	15 – 17 November 2006	NERTU, OU, Hyderabad
17	Environmental Awareness Programme	1 day 22 Feb. 2005	CBIT, Hyderabad
18	e-Security and Disaster Recovery	1 day 10 Sep. 2004	IETE, Hyderabad centre.
19	Wireless LAN	1 day 11 July 2003	IETE Hyderabad Centre.
20	ISO 9000 Workshop	1 day 23 Nov. 1996	Sir CRR college of Engg., Eluru
21	Managerial Characteristics	2 days	Sir CRR College. Of Engg., Eluru.
22	Third Generation Communication Systems	1 day	Orillion Communication Group, India, Hyderabad.
23	Entrepreneur Development Program	1 day	KL College Of Engg., Vijayawada.
24	GPS Datum conversion to National Ellipsoids	1 day	NERTU, OU, Hyderabad.
25	Electronic simulation packages	1 day	Dynalog Technologies, Hyderabad.
26	GNSS and Mobile Positioning	1 day	NERTU, OU, Hyderabad.

27	“High frequency design”	1 day	Agilent Technologies, Hyderabad
28	Spectrum reorganization in Contingent ad hock wireless technologies	1 day	NERTU, OU, Hyderabad.
29	Low power signal analysis in VLSI design	1 day	NERTU, OU, Hyderabad.
30	Electromagnetic 3D simulators	1 day	Agilent Technologies, Hyderabad
31	Timing System of the European GNSS Galileo	1 day	NERTU, OU, Hyderabad and IEEE Hyderabad Section.

National/International Journals published from 2017

1. Kaitha Praveena, Perumalla Naveen Kumar, D. Krishna Reddy, “Ionospheric irregularities measurement using Indian SBAS-GAGAN” Aerospace Systems, Springer online, 19 April 2023, <https://doi.org/10.1007/s42401-023-00222-9>
2. D.Sony, D. Krishna Reddy and P. Naveen Kumar “IRNSS RINEX DATA PROCESSING” Journal of Data Acquisition and processing, Vol. 38 (1) 2023. ISSN: 1004-9037, <https://sjcycjcl.cn/>, DOI: 10.5281/zenodo.7766229. pp. 5138-5147
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