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MINUTES OF THE 3RD (2017-18) MEETING OF THE BOARD OF AWARDS HELD ON FRIDAY, THE 13 JULY 2018, AT 1130 HOURS AT MUMBAI

The following were present:

Prof (Dr) M Basavaraj
Shri S Ramaswamy
Shri Karthik Parikh
Prof (Dr) A K Saini
Dr K Jaya Sankar

Chairman
Co-Chairman
Member
Member
Member

The following were granted leave of absence:

Dr B Prabhakara Rao

Secretariat:

Mrs Sandeep Kaur Mangat

Asstt Secretary (AP&WEEC)

ITEM-1 CONFIRMATION OF THE MINUTES OF THE 2ND (2017-18) MEETING OF THE BOARD OF AWARDS HELD ON THE 07 APRIL 2018 AT VISAKHAPATNAM

1.1 As no comments were received, the minutes were confirmed.

ITEM-2 IETE AWARDS-2018

2.1 The Chairman apprised the Board Members regarding the status of nominations for IETE various awards:

- Last date for receiving the nominations this year - 31st May 2018
- Total nominations received :112
- Number of Nominations rejected due to deviations from Guidelines- 14
- Balance nominations forwarded to "Jury of Experts" for their assessment and evaluation.

2.2 The Chairman further briefed that the following categories received no nominations this year:

- IETE - Prof S N Mitra Memorial Award
- IETE-Shri P P Malhotra Memorial Award
- IETE-Corporate Award for Performance in Computer and Telecommunication Systems (LEs),
- IETE-Corporate Award for Performance in Development of Software (LE)
- IETE-Corporate Award for Performance in Electronic Components (MSME) &(LE)
- IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (LE)

2.3 The Chairman informed the members about the rejected cases as follows:

Sr No	Name of the Nominee	Award category Applied for - 2017-18	Anomaly	Criteria
1.	Dr Kamaljeet Singh - (Sr No 2, iv)	Hari Ramji Toshniwal Award	No signatures of the nominee and the nominator	Required documents should be signed in original by the nominator as well as the nominee
2	Asst Prof Ahire Sandhya Onkar, Pune (LM-116754 (Sr No 8 -iv)	Prof K Sreenivasan Memorial Award	Nominated by Associate Member of IETE, Asstt Prof H B Magar (AM- 232501)	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members. /
3	Dr Sushil Thale, Navi Mumbai (Sr No 9, iii)-	IETE - Prof SVC Aiya Memorial Award	Nominator is Member IETE- Prof Ashish Harsola MIETE- 236862	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members. /
4.	Dr Geetha S, Associate Director, Space Transportation Systems, VSSC, Trivandrum (Sr No 9, v)-	IETE - Prof SVC Aiya Memorial Award	Two nominees including this nominee is nominated by same nominator- Shri S Somanath, Director VSSC	One nominator should not nominate more than one nominee for the same IETE Award)
5.	Dr Sethunath SG, Vikram Sarabhai Space Centre, ISRO, Trivandrum, (Sr No 9, xiv)	IETE - Prof SVC Aiya Memorial Award	Two nominees including this nominee is nominated by same nominator- Shri S Somanath, Director VSSC	One nominator should not nominate more than one nominee for the same IETE Award)
6	Mrs Archana Santosh Ubale, Asst Professor, AISSMS (Sr No 9, vi)	IETE - Prof SVC Aiya Memorial Award	Nominator is Associate Member Asstt Prof H B Magar (AM- 232501)	Nominations should be made by Head of the Inst/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members.
7	Dr Sushil Thale Navi Mumbai (Sr No 17, ii)	IETE - Biman Behari Sen Memorial Award	Nominator is Member IETE -Prof Ashish Harsola MIETE- 236862	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members. /

8.	Asstt Prof H B Magar, Pune, (Sr No 17,v)	IETE - Biman Behari Sen Memorial Award	Nominator is Asst Prof Sandhya Onkar Ahire, MIETE- 116754	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members
9.	Shri Samrat Deb Choudhury, Scientist Engineer "SD" (Sr No 19, iv)	IETE- Smt Manorama Rathore Memorial Award)	Two nominees including this nominee is nominated by same nominator in this category - Shri S Somanath Director VSSC	One nominator should not nominate more than one nominee for the same IETE Award
10	Noel Philip Valiyakalayil, VSS Trivandrum ,(Sr No 19 , viii)	IETE- Smt Manorama Rathore Memorial Award	Two nominees including this nominee is nominated by same nominator in this category - Shri S Somanath Director VSSC	One nominator should not nominate more than one nominee for the same IETE Award
11	Assistant Professor Zingade Deeplakshmi Sachin(Sr No 22 (i)	IETE- Technomedia Award for Young Women in Engineering	Nominator is Dr D K Shedge MIETE_ 216368	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members
12	Assistant Professor Zaware Sarika Nitin, (Sr No 22 (ii)	IETE- Technomedia Award for Young Women in Engineering	Nominator is Mrs Geeta Salunke Member IETE M- 235941	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members
13	Dr Tanuja Satish Dhope, Associate Professor (Sr No 22 (iii)	IETE- Technomedia Award for Young Women in Engineering	Nominator is Dr V K Bairagi, Associate Member IETE- AM-210667	Nominations should be made by Head of the Institutions/ Organizations/ Depts; IETE Hony / DFs, G C Members/ Fellows for 10 years or more and Org members
14	The Principal Jawaharlal Darda Inst of Engg and Technology, MIDC, Lohara, Amravati Road Yavatmal (Sr No 24 (i)	IETE-Shri P P Malhotra Memorial Award	Received late after cutoff date by post 14 June 2018 & email 08 June 2018	Last date of receipt of nominations 31 May 2018

2.4 The list of the recommendations received from the jury was scrutinized carefully by the BOA members. The following awardees were approved by the BOA as they received highest recommendations by the Jury members in their award categories.

IETE - Ram Lal Wadhwa Award

Awardee: Dr K P Ray, Defence Institute of Advanced Technology, Pune

IETE - Hari Ramji Toshniwal Award

Awardee: Shri Chandrakanta Kumar, ISRO, Bangalore

IETE - Bimal Bose Award

Awardee: Dr Siva Kumar K, IIT Hyderabad

IETE - Flt Lt Tanmaya Singh Dandass Memorial Award

Awardee: Shri BP Shashidhara, DRDO, Bangalore

IETE - Prof K Sreenivasan Memorial Award

Awardee: Dr Prasad Shastry, Bradley University, USA

IETE - B V Baliga Memorial Award

Awardee: Dr Neelesh Kumar, CSIO, Chandigarh

IETE - CEOT (94) Award (Biennial)

Awardee: Prof Sourangshu Mukhopadhyay, The University of Burdwan

IETE - B R Batra Memorial Award

Awardee: Shri C Murali, Bengaluru

IETE - Biman Behari Sen Memorial Award

Awardee: Prof Tadisetty Srinivasulu, Kakatiya University College of Engineering and Technology, Warangal

2.5 The categories wherein only one nomination was received, the BOA decided to return the nomination as there was no other comparison. It was also stated that the nominee be written and informed that if he/she wishes to send his entry for next year in the same award, it will be accepted. This year following nominations will be returned. The BoA decided that in future no single nomination in a category will not be sent to Jury members for evaluation.

IETE - N V Gadadhar Memorial Award

Nominee: Dr Prabhat Kumar Upadhyay, IIT Indore

IETE-Corporate Award for Performance in Computer & Telecommunication Systems (MSME)-(01)

Nominee: Precision Electronics Limited, D-10, Sector-3, Noida

IETE-Corporate Award for Performance in Development of Software(MSME)-(01);

Nominee : Neosilica Technologies Pvt Ltd, Hyderabad

IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (MSME)- (01);

Nominee: Sahajanand Technologies Pvt Ltd, Surat

2.6 The categories wherein different nominees received single recommendations by different juries, the same was also not accepted by the BOA as there was no single nominee with highest recommendations. The categories were as follows:

IETE - Lal C Verman Award

Awardee: NIL

IETE - Prof SVC Aiya Memorial Award

Awardee: NIL

IETE - R S Khandpur Award

Awardee: NIL

IETE - Brig M L Anand Award

Awardee: NONE

IETE- Smt Manorama Rathore Memorial Award

Awardee: NONE

IETE- Smt Ranjana Pal Memorial Award

Awardee: NONE

IETE-Technomedia Award for Young Women in Engineering

Awardee: NONE

IETE-Smt Triveni Devi Gupta Memorial Award

Awardee: NONE

IETE- Shri Devi Singh Tyagi Memorial Award

Awardee: NONE

2.7 It was also recommended to circulate the list to current Jury members to all the BoA members to be reviewed / revised.

2.8 This is for the information and approval of the Governing Council.

ITEM-3 IETE BEST PAPER AWARDS-2018

3.1 The Chairman informed the Board members regarding total articles published in IETE Journals in the year, which were 154- (IETE Technical Review-56; IETE Journal of Research-85 and IETE Journal of Education-13). He informed EIC's of these Journals and Prof S C Dutta Roy had been requested for their individual recommendations. The recommendations received were taken up by the BoA.

3.2 After due deliberation the Board members recommended that EICs those who have not sent their recommendations may be approached once again for their inputs to help take final decision based on their recommendations.

3.3 This is for the information of the Governing Council.

ITEM-4 IETE ACADEMIC AWARDS

4.1 The Chairman apprised the Board of IETE Academic Awardees of 2017 which were awarded from various streams of AMIETE, DIPIETE from June and Dec 2017 examinations. It is attached at Annexure-'A'

4.2 The awardees were seen and recommended by the BOA.

4.3 This is for the approval of the Governing Council.

ITEM-5

CORPUS RECEIVED FOR IETE -PROF SVC AIYA MEMORIAL AWARD

5.1 The Chairman apprised the members regarding the balance amount (Rs 25,000) that had been received from Shri Nikhil Jayant towards IETE- SVC Aiya Memorial Award as extra corpus fund. He informed that the total donation thus received in this award is Rs 1.80 lakhs.

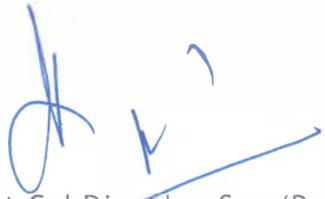
5.2 The Chairman also informed the committee members that an appreciation letter from IETE Secretary General had been sent to the group thanking them for their generous contribution.

5.3 This is for the information of the Governing Council.

ITEM-6 There being no other point to discuss, the meeting ended with a vote of thanks to the Chair.

Ref: IETE/J-216/3rd (2017-18)/BoA

Date: 01 Aug 2018


Lt Col Dipankar Sen (Retd)
Secretary General

Distribution:

Chairman and Members of the Board

President and Members of the Governing Council

IETE AWARDS-2018

IETE congratulates the following awardees who have been selected under various IETE Award categories for their meritorious and valuable contributions in their respective fields. Except for a few, most of the awards will be presented during Annual IETE Convention scheduled to be held in 29-30th Sep 2018 at Amravati.

IETE Main Awards

The awardees selected in the categories are:-

IETE - Ram Lal Wadhwa Award

Awardee: Dr K P Ray, Defence Institute of Advanced Technology, Pune

IETE - Hari Ramji Toshniwal Award

Awardee: ^{Dr} Shri Chandrakanta Kumar, ISRO, Bangalore

IETE - Bimal Bose Award

Awardee: Dr Siva Kumar K, IIT Hyderabad

IETE - Lal C Verman Award

Awardee: Shri Ajay Kumar Lal, ISRO Ahmedabad

IETE - IRSI (83) Main Awards

Awardee: Shri M Sheik Altaf, LRDE, DRDO

IETE - IRSI (83) Young Scientist Award

Awardees: Shri Kandula V Subrahmanyam, VSSC, Trivandrum and Shri Virendra Kumar, LRDE, DRDO

IETE - Flt Lt Tanmaya Singh Dandass Memorial Award

Awardee: Shri B P. Shashidhara, DRDO, Bangalore

IETE - Prof K Sreenivasan Memorial Award

Awardee: Dr Prasad Shastry, Bradley University, USA

IETE - Prof SVC Aiyar Memorial Award

Awardee: Dr Prabhat Kumar Upadhyay, IIT Indore

IETE - B V Baliga Memorial Award

Awardee: Dr Neelesh Kumar, CSIO, Chandigarh

	Communication”			Programme on “Advances in Electronics & Communication Engineering”
23.	Delivered a one-day workshop on, “Antenna Design”	Institute of Technology, Nirma University, Ahmedabad	February 16, 2012	At National Level Technical Symposium-NUTECH’12
24.	Delivered lecture on, “Fractal Antennas”	Institute of Technology, Nirma University, Ahmedabad	December 29, 2011	At ISTE approved national level short term training programme
25.	Delivered lecture on, “Feeds for the Reflector Antennas”	Institute of Technology, Nirma University, Ahmedabad	December 28, 2011	At ISTE approved national level short term training programme
26.	Delivered lecture on, “Introduction to Reflector Antennas”	Institute of Technology, Nirma University, Ahmedabad	December 27, 2011	At ISTE approved national level short term training programme
27.	Delivered lecture on, “Understanding Antennas through Fourier Transform”	Institute of Technology, Nirma University, Ahmedabad	December 26, 2011	At ISTE approved national level short term training programme
28.	Delivered a lecture on “Importance of Physics in Engineering”	Institute of Diploma Studies, Nirma University, Ahmedabad	November 28, 2011	Approx. 150 students attended this special lecture.
29.	Delivered a lecture on “Improving the cross-polar performance of an offset parabolic reflector antenna using a matched feed”	Deptt. of E & C Engg., Institute of Technology, Nirma University, Ahmedabad	July 23, 2011	At department pedagogy lecture series
30.	Delivered a two-hours lecture on, “Advances in Optical Communication”	Nirma University, Ahmedabad, India	April 20, 2011	Approximately 12 PG students of M. Tech. (ICT) have attended the lecture
31.	Half-day seminar on “Advances in Antenna Design”, organized by IEEE Students’ Branch, Nirma University, Ahmedabad	Nirma University, Ahmedabad, India	February 19, 2011	About 70 students have attended the seminar
32.	Judge at National Level Technical Symposium, TECHNOFORA’11	Nirma University, Ahmedabad, India	February 12, 2011	Idea Presentation Competition
33.	Half day Workshop on “Recent Trends in Antenna Design”	Institute of Technology, Nirma University, Ahmedabad	April 03, 2010	Organized jointly by IEEE student branch and ECO. Aprox. 126 students attended this workshop
34.	Delivered a lecture on “RF & Microwave Circuit Design”	A. D. Patel Institute of Technology, V. V. Nagar	February 18, 2010	Special Refresher Course for the staff and students

IETE - CEOT (94) Award (Biennial)

Awardee: Prof Sourangshu Mukhopadhyay, The University of Burdwan

IETE - B R Batra Memorial Award

Awardee: Shri C Murali, Bengaluru

IETE - R S Khandpur Award

Awardee: Dr S Poornachandra, SNS College of Technology, Coimbatore

IETE - Brig M L Anand Award

Awardee: Dr Prasant Ramarao Deshmukh, Govt College of Engg and Tech, Nagpur

IETE - Biman Behari Sen Memorial Award

Awardee: Prof Tadisetty Srinivasulu, Kakatiya University College of Engineering and Technology, Warangal

IETE- Smt Manorama Rathore Memorial Award

Awardee: Dr Vyasa Sai, Intel Corporation, USA

IETE- Smt Ranjana Pal Memorial Award

Awardee: Dr. Hema Singh, CSIR, Bangalore

IETE-Technomedia Award for Young Women in Engineering

Awardee: Dr Trapti Jain, IIT Indore

IETE-Smt Triveni Devi Gupta Memorial Award

Awardee: Dr Jyoti Singhai, MANIT Bhopal

IETE- Shri Devi Singh Tyagi Memorial Award

Awardee: Shri Amit Tiwari, BEL, Ghaziabad

The IETE Awards categories that received no nominations this year:

- IETE -Prof S N Mitra Memorial Award
- IETE-Shri P P Malhotra Memorial Award
- IETE-Corporate Award for Performance in Computer and Telecommunication Systems (LEs)
- IETE-Corporate Award for Performance in Development of Software (LE)
- IETE-Corporate Award for Performance in Electronic Components (MSME) &(LE)
- IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (LE)

	“Introduction to RF Circuit Design”	Ahmedabad	2013	Short Term Training Programme on “Advances in Electronics & Communication Engineering”
12.	Delivered a lecture on, “Active RF Devices”	Nirma University, Ahmedabad	July 09, 2013	During ISTE approved Short Term Training Programme on “Advances in Electronics & Communication Engineering”
13.	Delivered lecture on, “Antenna Fundamentals”	Institute of Diploma Studies, Nirma University, Ahmedabad	Jan. 01, 2013	During a Refresher Course for the Faculty Members
14.	Delivered lecture on, “Correlating Antennas with Fourier Transform”	Nirma University, Ahmedabad	Dec. 22, 2012	During SAC-ISRO training programme
15.	Delivered lecture on, “Dispersion Effects in Optical Fiber Communications”	G H Patel College of Engineering & Technology, V V Nagar	Nov. 03, 2012	During the one day Symposium on, “Communication Technologies-2012”
16.	Delivered lecture on, “Microwave Semiconductor Diodes”	Institute of Diploma Studies, Nirma University, Ahmedabad	Oct. 29, 2012	For the students Diploma EC Engineering
17.	Delivered lecture on, “Trends in Antenna Design”	Gujarat Technological University, Ahmedabad	Oct. 06, 2012	State Level One Day Workshop on, “RF, Microwave and Wireless Communication”
18.	Delivered a tutorial on, “Parabolic Reflector Antennas: Design, Performance, Analysis and Applications”	S S Jain Subodh P G College, Jaipur	July 30-Aug.01, 2012	National Conference on “Recent Trends in Microwave Techniques and Applications”
19.	Delivered a lecture on, “Fundamentals of RF and Microwave Engineering”	Nirma University, Ahmedabad	July 04, 2012	During ISTE approved Short Term Training Programme on “Advances in Electronics & Communication Engineering”
20.	Delivered a lecture on, “Recent Trends in Antenna Design”	Nirma University, Ahmedabad	July 05, 2012	During ISTE approved Short Term Training Programme on “Advances in Electronics & Communication Engineering”
21.	Delivered a lecture on, “Reasons and Remedies of Dispersion”	Nirma University, Ahmedabad	July 06, 2012	During ISTE approved Short Term Training Programme on “Advances in Electronics & Communication Engineering”
22.	Delivered a lecture on, “Non-linear Effects in Optical	Nirma University, Ahmedabad	July 06, 2012	During ISTE approved Short Term Training

Nomination: Dr. Dhaval Pujara - IETE Smt. Manorama Rathore Memorial Award (2015)

The IETE Awards categories that received single nominations this year are not being considered but if the nominee wishes he/ she can send the updated nomination next year. These award categories are:

- IETE - N V Gadadhar Memorial Award
- IETE-Corporate Award for Performance in Computer & Telecommunication Systems (MSME)
- IETE-Corporate Award for Performance in Development of Software(MSME)
- IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (MSME)

IETE BEST PAPERS' AWARDS GIVEN FOR ARTICLES PUBLISHED IN IETE JOURNALS IN THE YEAR 2017

JURY RECOMMENDATIONS FOR IETE BEST PAPER AWARD PUBLISHED IN 2017 IN IETE TR, JR & J					
S. No	Awards	Best Paper(s)			Awardees
1	IETE SK Mitra Memorial Award- The best research oriented paper	Effective Doping of Monolayer Phosphorene by Surface Adsorption of Atoms for Electronic and Spintronic Applications by Priyank Rastogi, Sanjay Kumar, Somnath Bhowmick, Amit Agarwal and Yogesh Singh Chauhan published in IETE Journal of Research Mar-Apr 2017 issue			Priyank Rastogi, Sanjay Kumar, Somnath Bhowmick, Amit Agarwal and Yogesh Singh Chauhan,

ANNEXURE-V

SPECIAL TECHNICAL TALKS DELIVERED AT CONFERENCES / SYMPOSIUMS / SEMINARS: (ONLY OF LAST FIVE YEARS)

Sr. No.	Topic	Venue	Date	Remarks
1.	Delivered a lecture on, "RF Design: Issues & Challenges"	G. H. Patel College of Engineering & Technology, V V Nagar	February 21, 2015	During a One-Day Symposium
2.	Delivered a lecture on, "Visiting Wonderland of RF & Microwaves"	Vishvakarma Government Engineering College, Chandkheda, Ahmedabad	September 15, 2014	During Engineers' Day Celebration organized by IETE
3.	Delivered a lecture on, "RF Amplifier Design"	Centre for Continuing Education, Nirma University, Ahmedabad	August 31, 2014	During Two-day National level Workshop on, "Microwave and RF Circuit Design"
4.	Delivered a lecture on, "Overview of RF Front-End Design"	Centre for Continuing Education, Nirma University, Ahmedabad	August 30, 2014	During Two-day National level Workshop on, "Microwave and RF Circuit Design"
5.	Delivered a lecture on, "Introduction to RF and Microwave Circuit Design"	Centre for Continuing Education, Nirma University, Ahmedabad	August 30, 2014	During Two-day National level Workshop on, "Microwave and RF Circuit Design"
6.	Delivered a Lecture on, "Trends in Antenna Design"	Sardar Vallabhbhai National Institute of Technology, Surat	March 28, 2014	During a National Workshop on, "Recent Advancements in Antennas & Metamaterials"
7.	Delivered Lectures on, "Understanding Antennas using Fourier Transforms" and "Challenges with RF Circuit Design"	U V Patel Engineering College, Kherva, Mehsana	Oct. 12, 2013	During IEEE AP/MTT One-Day Workshop
8.	Delivered a Workshop on, "Microstrip Antenna Design"	A D Patel Institute of Technology, V V Nagar	Oct. 09, 2013	During International Workshop on, "Sensor Networks & Wireless Communication"
9.	Delivered Lectures on, (i) Basic Laws and History of Electromagnetics (ii) Fundamentals of Antenna Design (iii) Modern Antennas	Institute of Technology, Nirma University, Ahmedabad	September 28, 2013	During State Level Workshop on Antenna Theory and Design
10.	Delivered an invited talk on, "Antennas for Space Applications"	Institute for Plasma Research, Bhat, Gandhinagar	September 06, 2013	During National Symposium on High Power Microwaves
11.	Delivered a lecture on,	Nirma University,	July 08,	During ISTE approved

Nomination: Dr. Dhaval Pujara - IETE Smt. Manorama Rathore Memorial Award (2015)

<p>IETE J C Bose Memorial Award- The best engineering oriented paper</p>	<p>Stability Analysis in Top-Contact and Side-Contact Graphene Nanoribbon Interconnects by Sandip Bhattacharya, Debaprasad Das and Hafizur Rahaman published in IETE Journal of Research, July-August 2017 issue</p>	<p>Linear Precoding Techniques for OFDM-Based NOMA over Frequency-Selective Fading Channels by Arsla Khan and Soo Young Shin published in IETE Journal of Research, July-Aug 2017</p>	<p><u>AWARDED JOINTLY</u> Sandip Bhattacharya, Debaprasad Das and Hafizur Rahaman AND Arsla Khan and Soo Young Shin</p>
<p>3 IETE M N Saha Memorial Award- The best application oriented paper</p>	<p>Extracting Salient Features for EEG-based Diagnosis of Alzheimer's Disease Using Support Vector Machine Classifier by N. N. Kulkarni and V. K. Bairagi published in IETE Journal of Research Jan-Feb 2017 issue</p>	<p>Design and Measurement of Planar Monopole Antennas for Multi-Band Wireless Applications by S. A. A. Shah, M. F. Khan, S. Ullah, A. Basir, U. Ali and U. Naeem, Published in IETE Journal of Research March-April 2017</p>	<p><u>AWARDED JOINTLY</u> N. N. Kulkarni and V. K. Bairagi AND S. A. A. Shah, M. F. Khan, S. Ullah, A. Basir, U. Ali and U. Naeem</p>
<p>4 IETE K S Krishnan Memorial Award- The best system oriented paper</p>	<p>An Improvisation of CCS-MLI Topology in Terms of Maximization of Levels by Rekha Agrawal and Shailendra Jain published in IETE Journal of Research September-October 2017 issue</p>	<p>Stabilization of the Two-Axis Gimbal System Based on an Adaptive Fractional-Order Sliding-Mode Controller, Amir Naderolasli and Mohammad Tabatabaei published in IETE Journal of Research Jan-Feb 2017</p>	<p><u>AWARDED JOINTLY</u> Rekha Agrawal and Shailendra Jain AND Amir Naderolasli and Mohammad Tabatabaei</p>

	(ISRO Sponsored)	
5.	Koushik Basak (ISRO Sponsored)	Design & Analysis of Micro-Mechanical (MEMs) based Phase Shifters
6.	Shruti Sinha (ISRO Sponsored)	Investigations on GaAs Integrated Circuit Technology for Design of Digital Circuits
7.	Nilang Trivedi (DRDO Sponsored)	Design & Development of RF based Altitude Sensors

	IETE CDIL Award for Industry- The best paper contributed by authors working in Industry	Development of Pulsed Eddy Current Instrument and Probe for Detection of Sub-Surface Flaws in Thick Materials by K. Samba Siva Rao, B. Purna Chandra Rao and S. Thirunavukkarasu Published in IETE Technical Review September-October 2017 issue			K. Samba Siva Rao B. Purna Chandra Rao and S. Thirunavukkarasu
	IETE Gowri Memorial Award- The best paper on topic of general Interest	Review of Circuit Level Leakage Minimization Techniques in CMOS VLSI Circuits by Rohit Lorenzo and Saurabh Chaudhury published in IETE Technical Review March-April 2017 issue	Internet of Things-Based Free Learning System: Performance Evaluation and Communication Perspective by Omar Said and Yasser Albagory, published in IETE Journal of Research, Jan-Feb 2017		<u>AWARDED JOINTLY</u> Rohit Lorenzo and Saurabh Chaudhury AND Omar Said and Yasser Albagory
7	TWO Students' Journal Award- Two best papers from IETE Journal of Education	Generalized Karnaugh Map Method for Boolean Functions of Many Variables by V C Prasad published in IETE Journal of Education Jan-Jun 2017 issue	A Systematic Method for Finding the Input Impedance of Two-Terminal Networks by T S Rathore, published in IETE Journal of Education July-Dec 2017	Bias-Point Calculation and Parameter Extraction Using EKY Compact MOS Model Equation by Arun Kumar Sinha published in IETE Journal of Education Jan-Jun 2017 issue	<u>AWARDED JOINTLY</u> V C Prasad AND T S Rathore AND Arun Kumar Sinha

ANNEXURE-IV

COURSES TAUGHT AT UG & PG LEVEL:

1. Antenna System Design (PG Level)
2. RF Circuit Design (PG Level)
3. VLSI for Wireless Communication (PG Level)
4. Microwave Communication (UG Level)
5. Antenna Theory & Design (UG Level)
6. Fiber Optic Communication (UG Level)
7. Electromagnetic Theory (UG Level)
8. Digital Communication (UG Level)

CURRENT PH.D. & M.TECH. STUDENTS:

Ph.D. Students

Sr. No.	Name of the Student	Title
1.	Piyush Bhatasana	Investigations on RF MEMS
2.	Aarti Gehani	Investigations on Antenna Parameters Optimization Through Soft Computing Techniques
3.	Shailendra Singh (ISRO Sponsored)	Investigation on Different Microwave Harmonic Mixing Concepts and their Applications
4.	Praveen Kumar Atrey (Institute for Plasma Research Sponsored)	Design and Development of Microwave Interferometer and Reflectometer Systems as Tokamak Plasma Diagnostics
5.	Ravindra Kumar Singh (Air Force Sponsored)	Design of High Gain, Ultra Wideband Microstrip Antenna for ESM Receiver
6.	Shreya Menon	Study of Radiation Characteristics of Dielectric & Meta-material Horn Antennas

M.Tech. Students

Sr. No.	Name of the Student	Title
1.	Kedar Trivedi	Design and Development of Dielectric Resonator Antennas
2.	Jay Gupta	Developing an Adaptive Neuro-Fuzzy Inference System (ANFIS) based CAD Tool for Designing a Corrugated Horn Antenna
3.	Khushboo Tiwari	Study of Different Bandwidth Enhancement Techniques for Microstrip Patch Antennas
4.	Jigar Pandya	Study of Waveguide Ortho-mode Transducer

Nomination: Dr. Dhaval Pujara - IETE Smt. Manorama Rathore Memorial Award (2015)

	Analysis and Design of a Dual-Band stepped Impedance PCB Monopole Antenna by Gowrish B and Ananjan Basu published in IETE Journal of Education Jan-Jun 2017 issue			Gowrish B and Ananjan Basu
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International Symposium on Antennas and Propagation, Charleston, South Carolina, USA, June 2009.

- [18] **Dhaval Pujara**, S. B. Chakrabarty, Ranajit Dey and S. B. Sharma, "Design of a novel multi-mode feed horn for an offset-fed reflector antenna," Annual Conference on Antenna & RCS Measurement Technology, Hyderabad, January 29-31, 2009.

BOOK:

- Published a book titled, "Improving Cross-polarization of offset Parabolic Reflector Antenna", LAMBERT Academic Publishing, Germany, 2013.

REPORTS / GENERAL ARTICLES:

- Published a book titled, "Improving Cross-polarization of offset Parabolic Reflector Antenna", LAMBERT Academic Publishing, Germany, 2013.
- Editorial Member of Proceedings, "Best Practices for Enhancement of Institutional Quality and excellence," published by Indian Society for Technical Education, New Delhi.
- Designed and developed laboratory manuals of: Optical Fiber Communication, Microwave Engineering, Antenna Theory & Design, Television Engineering
- Reviewer for an International Book on "Principles of Communication Systems" authored by Taub & Schilling.
- Article titled, "Engineering- Evergreen Career", appeared in a leading Gujarati Newspaper- '*Divyabhaskar*'

IETE ACADEMIC AWARDS-2018

ALCCS

1. ALCCS IETE-Gopal M Dandekar Memorial Award to a girl student securing the highest percentage with 60% and above marks and completing ALCCS Course in three years. In case girl student is not available it may be given to a boy student.

NIL

2. SUBRAMANIAN THYAGARAJA AWARD for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section A in one attempt without exemption.

JUNE 2017

AMIETE (ET)

Current Scheme - 227662 (NAVEEN RATHORE) GPA = 8.2

NEW Scheme - 177409 (SASMITA BISWAL) GPA = 8.66

AMIETE (CS)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (IT)

Current Scheme - NIL

NEW Scheme - NIL

DECEMBER 2017

AMIETE (ET)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (CS)

- [3] Aarti Gehani and **Dhaval Pujara**, "A Novel ANFIS based CAD Model to Predict the Return Loss Performance of a Hexa-Band PIFA", Proceedings of 14th Biennial International Symposium on Antennas and Propagation, December 17-19, 2014, Cochi.
- [4] P. K. Atrey, **Dhaval Pujara** and S. Mukherjee, "Design and Development of a Novel Mitre Bend for Interferometer used in Plasma Density Measurement", Proceedings of 14th Biennial International Symposium on Antennas and Propagation, December 17-19, 2014, Cochi.
- [5] Aarti Gehani, Jignesh Ghadiya, and **Dhaval Pujara**, "Design of a Circularly Polarized Elliptical Patch Antenna using Artificial Neural Networks and Adaptive Neuro-Fuzzy Inference System", Proceedings International Symposium on Antennas & Propagation, October 23-25, 2013, Nanjing, China.
- [6] Priti Bhagat, **Dhaval Pujara** and Dipak Adhyaru, "Analysis and Synthesis of Microstrip Patch Antenna using Artificial Neural Networks," Proceedings of Asia-Pacific Conference on Antennas & Propagation, August 27-29, 2012, Singapore.
- [7] Aarti Gehani, **Dhaval Pujara** and Dipak Adhyaru, "Analysis of Elliptical Patch Antenna using Artificial Neural Networks," Proceedings of Asia-Pacific Conference on Antennas & Propagation, August 27-29, 2012, Singapore.
- [8] Jimil Patel, Mrinal Mathur, Praik Shah, Piyush Bhatasana and **Dhaval Pujara**, "Modelling of MEMs based switch for Millimeter Wave Applications," Proceedings of National Conference on Recent Trends in Microwave Techniques and Applications, July 30-August 01, 2012, Jaipur.
- [9] **Dhaval Pujara**, and S. B. Sharma, "Trends in Antenna Technology for the Space-borne Microwave Radiometers," URSI-F Symposium on Wave Propagation & Remote Sensing, Garmisch-Partenkirchen, Germany, March 07-11, 2011.
- [10] Hitesh Dholakiya and **Dhaval Pujara**, "Design of a Low-Profile Fractal Antenna Operating at ISM Frequency Band," Fourth Annual Conference, ATMS India, Ahmedabad, India, February 10-11, 2011.
- [11] Hitesh Dholakiya, **Dhaval Pujara** and S. B. Sharma, "Wide-Slot Fractal Antenna Design with Improved Bandwidth," IEEE Applied Electromagnetics International Conference, Hyatt Regency Kolkata, Dec. 2011.
- [12] Rajeev Jyoti, Aarti Gehani and **Dhaval Pujara**, "Design and Realization of Ultra-Wideband Monopole Antenna," IEEE Applied Electromagnetics International Conference, Hyatt Regency Kolkata, Dec. 2011.
- [13] **Dhaval Pujara**, S. B. Sharma, and S. B. Chakrabarty, "Computation of Cross-Polarization Radiated by an Elliptical Feed Horn," 2010 IEEE AP-S International Symposium on Antennas and Propagation, Toronto, Canada, July 2010.
- [14] **Dhaval Pujara**, and S. B. Sharma, "Improving the Cross-Polar Performance of an Offset Parabolic Reflector Antenna over a Wide Bandwidth," International Conference on Microwaves, Antenna, Propagation & Remote Sensing, Jodhpur, December 2010.
- [15] **Dhaval Pujara**, S. B. Sharma and S. B. Chakrabarty, "Design of a special feed for an offset parabolic reflector antenna with wide cross-pol suppression bandwidth", at 12th International Symposium on Microwave and Optical Technology, New Delhi, December 16-19, 2009.
- [16] **Dhaval Pujara**, S. B. Sharma, S. B. Chakrabarty, Ranajit Dey and V. K. Singh, "Design of a novel corrugated matched feed for an offset parabolic reflector antenna," 2009 IEEE AP-S International Symposium on Antennas and Propagation, Charleston, South Carolina, USA, June 2009.
- [17] **Dhaval Pujara**, S. B. Sharma and S. B. Chakrabarty, "Feed design for an offset parabolic reflector antenna using the analysis of focal-region fields," 2009 IEEE AP-S

IETE ACADEMIC AWARDS FOR THE YEAR 2017

A. ALCCS

1. **ALCCS IETE-Gopal M Dandekar Memorial Award** to a girl student securing the highest percentage with 60% and above marks and completing ALCCS Course in three years. In case girl student is not available it may be given to a boy student.

NIL

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1. SUBRAMANIAN THYAGARAJA AWARD for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section A in one attempt without exemption.

JUNE 2017

AMIETE (ET)

Current Scheme - 227662 (NAVEEN RATHORE) GPA = 8.2 ✓

NEW Scheme - 177409 (SASMITA BISWAL) GPA = 8.66 ✓

AMIETE (CS)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (IT)

Current Scheme - NIL

NEW Scheme - NIL

DECEMBER 2017

AMIETE (ET)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (CS)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (IT)

Current Scheme - NIL

NEW Scheme - NIL

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2. AMIETE COUNCIL AWARD - I for securing the highest percentage with 6.5 GPA and above marks and completing part-II of Section A in one attempt without exemptions.

JUNE 2017

AMIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (IT)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

AMIETE (ET)

Current Scheme	-	NIL
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NEW Scheme	-	177409 (SASMITA BISWAL) GPA = 6.83
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238273 (SOMOJU RAMA CHARY) GPA = 6.83

AMIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (IT)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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4. AMIETE COUNCIL AWARD - III for securing the highest percentage with 6.5 GPA and above marks and completing Part - II of Section B (Except Project) in one attempt without exemptions.

JUNE 2017

AMIETE (ET)

- Current Scheme - 230899 (VIVEK NAGORE) GPA = 8.25 ✓
NEW Scheme - 236383 (SAVITA KUMARI) GPA = 8.6 ✓

AMIETE (CS)

- Current Scheme - NIL
NEW Scheme - NIL

AMIETE (IT)

- Current Scheme - NIL
NEW Scheme - NIL

DECEMBER 2017

AMIETE (ET)

- Current Scheme - 190187 (PRABHAKAR DWIVEDI) GPA = 6.75 ✓
233261 (RAKESH KUMAR SRIVASTAVA) GPA = 6.75 ✓
NEW Scheme - 237958 (POLEPALLI HARISH KUMAR) GPA = 6.6 ✓

AMIETE (CS)

- Current Scheme - NIL
NEW Scheme - 236588 (P LATHA) GPA = 8.2 ✓

AMIETE (IT)

- Current Scheme - NIL
NEW Scheme - 236592 (ARCHANA GAUR) GPA = 6.6 ✓

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5. SMT RADHABAI KAPRE GOLD MEDAL AWARD for securing the highest percentage with 6.5 CGPA and above marks and completing AMIETE in 4 years attempt without exemptions.

JUNE 2017

AMIETE (ET)
Current Scheme - 235609 (APARNA KUMARI) CGPA = 8.48 ✓
DoE - 24/10/2013

NEW Scheme - NIL

AMIETE (CS)
Current Scheme - 235325 (BHARTI RANA) CGPA = 7.14 ✓
DoE - 10/10/2013

NEW Scheme - NIL

AMIETE (IT)
Current Scheme - 234841 (RAVI RANJAN) CGPA = 6.59 ✓
DoE - 07/09/2013

NEW Scheme - NIL

DECEMBER 2017

AMIETE (ET)
Current Scheme - NIL
NEW Scheme - NIL

AMIETE (CS)
Current Scheme - NIL
NEW Scheme - NIL

AMIETE (IT)
Current Scheme - NIL
NEW Scheme - NIL

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6. HARI MOHAN MEMORIAL AWARD to a girl student securing the highest percentage with 9 GPA and above marks in both the mathematics papers of ET, CS & IT streams of the AMIETE examinations conducted in the first year (JUNE & DECEMBER EXAMS) of her registration with AMIETE.

JUNE 2017

AMIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (IT)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

AMIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

AMIETE (IT)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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7. AMIETE - GOPAL M DANDEKAR MEMORIAL AWARD to a girl student securing the highest percentage with 6.5 GPA and above marks and completing AMIETE (Considering ET, CS & IT streams of current Jun & Dec Exams together) in four years without any exemptions.

JUNE 2017

AMIETE (ET)

Current Scheme - 235609 (APARNA KUMARI) CGPA = 8.48
DoE - 24/10/2013

NEW Scheme - NIL

AMIETE (CS)

Current Scheme - 235325 (BHARTI RANA) CGPA = 7.14
DoE - 10/10/2013

NEW Scheme - NIL

AMIETE (IT)

Current Scheme - NIL

NEW Scheme - NIL

DECEMBER 2017

AMIETE (ET)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (CS)

Current Scheme - NIL

NEW Scheme - NIL

AMIETE (IT)

Current Scheme - NIL

NEW Scheme - NIL

FINAL AWARDEE - 235609 (APARNA KUMARI) PASSED IN JUNE 2017 SECURING 8.48 CGPA IN ET STREAM.

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1. DIPIETE COUNCIL AWARD - I for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section A in one attempt without any exemption.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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2. **DIPIETE COUNCIL AWARD - II** for securing the highest percentage with 6.5 GPA and above marks and completing Part-II of Section A in one attempt without any exemptions.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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3. DIPIETE COUNCIL AWARD -III for securing the highest percentage with 6.5 GPA and above marks and completing Part-1 of Section B in one attempt without any exemptions.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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4. **DIPIETE COUNCIL AWARD - IV** for securing the highest percentage with 6.5 GPA and above marks and competing PART-II of Section B in one attempt without any exemptions.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	233682 (RAJITA KUMARI) GPA = 7.66 ✓
NEW Scheme	-	NIL

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5. **DIPIETE COUNCIL AWARD - V** for securing the highest percentage with 6.5 CGPA and above marks and completing DIPIETE in 3 years without any exemptions.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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6. **DIPIETE - GOPAL M DANDEKAR MEMORIAL AWARD** to a girl student securing the highest percentage with 6.5 CGPA and above marks and completing DIPIETE (Considering ET & CS streams of current Jun & Dec Exams together) in three years without any exemptions.

JUNE 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DECEMBER 2017

DIPIETE (ET)

Current Scheme	-	NIL
NEW Scheme	-	NIL

DIPIETE (CS)

Current Scheme	-	NIL
NEW Scheme	-	NIL

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