



THE AERONAUTICAL SOCIETY OF INDIA

13-B, INDRAPRASTHA ESTATE, NEW DELHI-110002

Telefax : 011-23370768

Email: info@aerosocietyindia.co.in Web: www.aerosocietyindia.co.in

AeSI/AWDS/2021/V-IV

27th June, 2024.

SUB: AWARDS NOMINATIONS FOR THE COMBINED YEARS 2020 & 2021

Dear Sir / Madam,

The Aeronautical Society of India has been conferring annually national awards in recognition and appreciation of outstanding contributions and achievements made in the field of Aeronautics and Aerospace Sciences. The Awards conferred are: -

- a) National Aeronautical Prize
- b) Dr. Biren Roy Space Science and /or Design Award
- c) Dr. Biren Roy Trust Award
- d) Dr. V.M. Ghatage Award
- e) Excellence in Aerospace Education Award
- f) Production Technology Award
- g) Indigenisation of Aeronautical Equipment Award
- h) Swarna Jayanti Award
- i) Bharat Ratna JRD Tata Award
- j) Bharat Ratna Dr. APJ Abdul Kalam Award

Brief description and eligibility criteria for each of these awards are summarized at the Appendix 'A'. The winners of these awards during last six years are placed at Appendix 'B'.

In keeping with the good traditions, the Society now invites nominations for these awards.

The nomination procedure is as follows: -

- a) The nomination may be forwarded as per the format placed at Appendix 'C' duly sponsored by the Head of the Institution/Organization.
- b) Each nomination shall be submitted **in ten copies.**
- c) A brief citation, **limited to 100 words**, of contributions and achievements by the nominee(s) be enclosed. If selected, the citation would be read during award presentation ceremony.
- d) **Nomination for each award be submitted separately.**
- e) One Passport Size photograph of the nominee(s) be also enclosed.

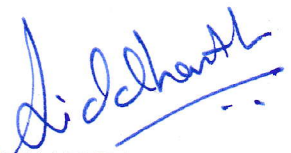
It may please be noted that nominations shall be valid for a period of three years. Fresh nominations are therefore not necessary in respect of nominees proposed earlier for the years 2018 and year 2019. However, the bio-data of the nominee duly updated as necessary may be submitted. The list of such nominees for the last two years is placed at Appendix 'D' for information.

Last date for receipt of nominations is **01th August, 2024**. The award winners shall be invited to participate in the Annual General Meeting of the Society and receive the award during its inaugural session from Chief Guest. The names of the award winners will be announced a fortnight before the Annual General Meeting.

The decision of the Society in adjudging the nomination shall be final.

Thanking you and with regards,

Yours faithfully,



(SIDDHARTHA KUMAR)
ADMIN OFFICER

THE AERONAUTICAL SOCIETY OF INDIA

ANNUAL AWARDS

1. NATIONAL AERONAUTICAL PRIZE

This prize was instituted by the AR & DB in 1988 and the prize amount is Rs. 2,00,000/-.

Objective: to recognize outstanding contribution (s) in design/development of fundamental and applied work in the field of aeronautics.

Scope: The award shall be made in any of the various disciplines of aeronautical sciences, production technology, operations, research & education. In appropriate cases the award can be made to a group of persons in a particular endeavor. The award doesn't have to be made if nominations are not of the required standard.

The award comprises a certificate and cash prize of Rs. 2, 00,000/-.

2. DR. BIREN ROY SPACE SCIENCE AND/OR DESIGN AWARD

This prize was instituted in 1985 and the prize amount is Rs. 20,000/-.

Objective: To encourage Indian space scientists.

Conditions: Awarded for outstanding contribution in space sciences.

3. DR. BIREN ROY TRUST AWARD

Dr. Biren Roy Trust instituted this prize in 1983 and the prize amount is Rs. 20,000/-.

Objective: To encourage scientists.

Conditions: Awarded for outstanding contribution in the field of Design, Development, Maintenance, Operation, Training, Manufacture and allied areas of Aviation and Space.

4. DR. V.M. GHATAGE AWARD

This award was instituted in 1984 on the occasion of the 75th Birthday of Dr. Ghatage. The prize amount is Rs. 20,000/-.

Conditions: Awarded for outstanding contribution in the field of Design, Development, Maintenance, Operation, Training, Manufacture and allied areas of Aviation and Space.

Eligibility: Should be a Indian citizen, current member of the Society and below the age of 40 years on 01 January of the award year. Please mention your membership number in the application.

5. EXCELLENCE IN AEROSPACE EDUCATION AWARD

This award was instituted by the Society in 1991 and was to be conferred every alternate year, however, since 1993, this has been made an annual award. The prize amount is Rs. 20,000/-.

Objective: This award is conferred for outstanding contributions, in the field of aerospace education. It is open to all those persons/Institutions actively engaged (at least 15 years) in the teaching/and or research training in the aerospace field. Persons who retired within last one year may also be considered for this award.

6. PRODUCTION TECHNOLOGY AWARD

This award was instituted by the Society in 1993. The prize amount is Rs. 20,000/-.

Objective: To be awarded to a worker who is recognized as an outstanding technician within his organization and has made contribution (s), which clearly illustrate his quality of proficiency.

7. INDIGENISATION OF AERONAUTICAL EQUIPMENT AWARD

This award was instituted by SIATI in 1994. The award amount is Rs. 20,000/-.

Objective: To be awarded for outstanding achievements in the field of indigenisation of aeronautical equipment, including ground-handling equipment.

8. SWARNA JAYANTI AWARD

This award was instituted in January 1999 on the occasion of Golden Jubilee of the Society. The prize amount is Rs. 50,000/-.

Objective: To be awarded for outstanding contribution by a young achiever in the field of aviation, aeronautics, or aerospace.

Scope: The award shall be, made to a Scientist, or any other professional like programme manager, airline professional, pilot, manufacturing technologist, maintenance personnel etc.

Eligibility: Should be an Indian citizen, current member of the Society and **below the age of 40 years on 01 January of the Award year. Please mention your membership number in the application.**

9. BHARAT RATNA JRD TATA AWARD

This prize was instituted in 2011 by The Aeronautical Society of India for Excellence for Outstanding contribution in the field of Civil Aviation in India by an individual/Corporate/Enterprises.

This Award carries a Plaque.

10. BHARAT RATNA DR. APJ ABDUL KALAM AWARD

This Award is instituted by The Aeronautical Society of India in 2016.

Objective: To be awarded for outstanding innovation/ productionisation of a project of National interest by a team in the field of aeronautics and astronautics.

This award carries a cash prize of Rs. 30,000/-.

LIST OF AWARD WINNERS:

NATIONAL AERONAUTICAL PRIZE

- 2014 Shri S. Pandian, Deputy Director, VSSC, Thiruvananthapuram and Shri P. Srikumar, OS & Director, ADE, Bangalore.
- 2015 Dr. S. Christopher, Secretary, Deptt. of Defence (R&D) and DG, DRDO and Shri N.K. Gupta, Ex. Deputy Director and Project Director, ISRO.
- 2016 Dr. G. Satheesh Reddy, SA to RM & DG(MSS), DRDO, New Delhi.
- 2017 Dr. N. Eswara Prasad, OS/Scientist H & Director, Defence Materials & Stores R&D Establishment, DRDO, Kanpur.
- 2018 Shri S. Somanath, DS & Director, VSSC, Thiruvananthapuram.
- 2019 Jointly awarded to Dr. V. Narayanan, D.S. & Director, LPSC, ISRO and Shri M. S. Easwaran, Center for Airborne Systems, DRDO, Bengaluru.

DR. BIREN ROY SPACE SCIENCE AND/OR DESIGN AWARD

- 2014 Dr. Prakash Chand Jain, Scientist "F", DRDL, Hyderabad.
- 2015 Shri A. Muraleedharan, Scientist/Engineer "H", VSSC, Thiruvananthapuram.
- 2016 Shri K. Alaguvelu, DD, Propulsion Complex, ISRO Mahendragiri.
- 2017 Shri M. Narayanan Namboodiripad, OS & Group Director, CEAG, VSSC.
- 2018 Dr. G. Ayyappan, OS & Programme Director, STC, VSSC.
- 2019 Shri Umamaheswaran R, Scientific Secretary, ISRO HQ.

Dr. BIREN ROY TRUST AWARD

- 2014 Shri S. Subrahmanyam, Director (Ops), HAL, Bangalore.
- 2015 Dr. K.M. Rajan, Director, ARDE, Pune.
- 2016 Dr. RK Sharma, Project Director, HSTDV, DRDL Hyderabad.
- 2017 Dr. P V Venkitakrishnan, Deputy Director, Materials and Mechanical Entity, VSSC.Thiruvananthapuram.
- 2018 Dr. Sudha UPV, Scientist/Engineer "E", ADA, Bangalore.
- 2019 Dr. Vemana Venkateswara Rao, Director, ARDE.

DR. V.M. GHATAGE AWARD

- 2013 Shri P. Rambabu, Scientist "D" & DD and his team from RCMA, CEMILAC, Hyderabad.
- 2014 Ms. S. Vasanthi, DGM (Design) and Shri DSD Prasada Rao, DGM (Design), RWRDC, HAL Bangalore.
- 2015 Shri V. Sridharan, General Manager, LCS, Tejas, HAL, Bangalore.
- 2016 Shri Shyam Mohan N, Project Director, RLV-TD, VSSC, Thiruvananthapuram.
- 2017 Jointly awarded to Dr. Ambalal Vinayak Patel, Scientist/Engineer "F", ADA and Gp. Capt. KN Santosh, VSM, Chief Software Engineer (Avionics SU 30), AF Yemlur, Bangalore.
- 2018 Jointly awarded to Shri Abhishek Singh, DY GM (Design) and his team, HAL Bangalore

- and Cmde. Deepak Bansal, Commodore Supdt., Naval Aircraft Yard, Kochi.
- 2019 Jointly awarded to Smt. Meena Kumari, Sr. Manager, Shri Rochak Sharma, Sr. Manager and Shri Raman Kumar, Sr. Manager, HAL, Kanpur.

EXCELLENCE IN AEROSPACE EDUCATION AWARD

- 2013 Prof. S. Santhakumar, Professor, IIT, Madras.
- 2014 Air Force Test Pilot School, ASTE, IAF Yemlur, Bangalore.
2015. Prof. Debopam Das, IIT, Kanpur.
- 2016 Dr. Radhakant Padhi, Professor, IISc, Bangalore.
- 2017 Prof. Debi Prasad Mishra, Professor, IIT Kanpur.
- 2018 Dr. Dipak Kumar Maiti, Professor & Head, Depptt. Of Aerospace Engg., IIT Kharagpur.
- 2019 Prof. Shripad P. Mahulikar, Professor, Department of Aerospace Engg. IIT Mumbai.

PRODUCTION TECHNOLOGY AWARD

- 2014 Shri J. Ravishankar, Senior Technician, Overhaul Div., HAL, Bangalore.
2015. Shri Kailash Patra, Shri Jayajeet Das and Shri Bipin Kishore Ekka, Sr. Technicians, HAL, Koraput.
- 2016 Shri N. Muniswamy Mudaliar, Senior Chief Supervisor, FF Division, HAL Hyderabad.
- 2017 Sergeant Lalan Kumar, SNCO I/C, Indigenisation, 4 BRD, Air Force Station, Kanpur.
- 2018 Jointly awarded to Shri K. Sathyanarayana, Asstt. Engineer and Shri Jagannatha, Asstt. Engineer Solar Panel Division, URSC, Bangalore.
- 2019 Shri Suresha M. C., Highly Skilled Technician, HAL, Flight AFS Agra.

INDIGENISATION OF AERONAUTICAL EQUIPMENT AWARD

- 2014 Shri Suresh MS, Group Director, CPEG/CPES, LPSC, Thiruvananthapuram.
2015. Shri Yajanapal, Manager (Brakepads), Shri Dasharathi M, Manager (Outsourcing) and Ms. Vaisakhi Nandi, Manager (Lab), and Dr. R. Raghavendra Bhat, DGFM (Lab), Foundry and Forge Division, HAL Bangalore.
- 2016 Shri P. Rama, Dy. General Manager (Design) and his Team, SLRDC, HAL, Hyderabad.
- 2017 Shri Babrubahan Sahu, Sr. Manager (Equipment Indigenisation), Shri Tikeswar Pradhan, Manager (Equipment Indigenisation - Design) and Shri Piyush Kumar Sinha, Engineer (Equipment Indigenisation – Tool Design), HAL Koraput.
- 2018 Jointly awarded to Shri Shashank Mishra, Technical Officer “D”, DMSRDE, Kanpur and Shri Sumanta Kumar Sahoo, High skilled Technician, Sukhoi Engine Division, HAL Sunabeda.
- 2019 Jointly Awarded to Shri Sandip Chattopadhyaya, Scientist ‘G’ and Project Director, Hypersonic Wind Tunnel, DRDL, Hyderabad and Team Members Dr. A. Satyanarayana, Shri Jalla Chandrasekhar, Shri Chimakurthy Srikanth, Shri S.V. Ramana and Shri Akula Ramesh.

SWARNA JAYANTI AWARD

- 2014 Asstt. Comdt. Neetu Singh Bartwal, Asstt. Comdt. Neha Murudkar and Asstt. Comdt. Srishti Singh, 750 Sqn (CG), ICGAS, Daman.
2015. Shri Deepak Kumar Agarwal, Scientist/Engineer “SF”, LPSC, ISRO,

- Thiruvananthapuram.
- 2016 Shri Sanjoy Kumar Saha, Scientist/Engineer “SF”, VSSC, Thiruvananthapuram.
- 2017 Jointly awarded to Shri Gnanasekar S, Project Manager (Mission) & Scientist SF, VSSC, Thiruvananthapuram and Ms. Anooja Sankar, Scientist/Engineer SD, EPTG, LPSC, Thiruvananthapuram.
- 2018 Shri Manu Varrier, Scientist/Engineer “SF”, LPSC, Thiruvananthapuram.
- 2019 Shri Ramesh Reddy C, Scientist ‘F’, Project Director, RCI, DRDO.

BHARAT RATNA JRD TATA AWARD

- 2014 Shri Vipin Kumar Sharma, Consultant, MRO, HAL, New Delhi.
- 2015 Shri Lalit Gupta, Jt. DG, DGCA, New Delhi.
- 2016 Nil
- 2017 Shri Sanjeev Razdan, GM (Ops), PHHL, Noida.
- 2018 Nil
- 2019 Shri P.S. Nair Executive Director, GMR, Airports Ltd.

BHARAT RATNA DR. APJ ABDUL KALAM AWARD FOR INNOVATION IN AVIATION.

2015. HAL Team, that made HTT-40 Trainer Aircraft Operational, HAL Bangalore.
2016. Shri A. Manimaran, Group Director/Scientist “H”, LPSC, Thiruvananthapuram.
- 2017 Jointly awarded to Shri Daljeet Singh, Chief Executive Officer, MIG, HAL Nasik and Shri S.D. Behara, DGM (Design) and Team Members, HAL, Nasik.
- 2018 Mrs. Sunita Devi Jena, Scientist “G”, Technology Director, DORP, Project Director, LFRJ, DRDL, Hyderabad.
- 2019 Jointly Awarded to Shri KPS Murthy, Scientist ‘H’, Director, HEMRL, Shri V. K. Dixit Scientist ‘H’, Associate Director, ARDE, AVM (Retd.), Shri S. J. Nanodkar, VCAS IAF, Shri C. Srikanth, Scientist ‘F’ ARDE and Shri Satyendra Singh, Scientist ‘E’ ARDE.

THE AERONAUTICAL SOCIETY OF INDIA

13-B, Indraprastha Estate, New Delhi – 110 002

Telefax: 011 – 2330768

e-mail: aerosocaward@gmail.com

PROFORMA FOR NOMINATION OF AWARDS: Combined Years 2020 & 2021**(TO BE SUBMITTED IN TEN COPIES)**

| | | | |
|--------|---|---|--|
| 1. | Award for which the nomination is made | : | |
| 2. (a) | Name of the nominee | : | |
| (b) | Date of birth of the nominee | : | |
| 3. | Present position & official address including <u>Tel. No., Mobile No. & E-mail</u> | : | |
| 4. | Brief narrative Bio-data of the nominee | : | |
| 5. | Academic Qualification (Bachelor's Degree onwards) | : | |
| 6. | Professional experience | : | |
| 7. | Special achievements which conform to the objectives of the award | : | |
| 8. | Whether these achievements have already been recognized and awarded by any learned body. If so, please give details | : | |
| 9. | List of publications in standard journals | : | |
| 10. | Details of patents taken, if any | : | |
| 11. | Additional information of relevance, if any | : | |
| 12. | Give the names of three Indian Scientists/Technologists/ Academicians in the area. | : | |

- a) Certified that details described are correct to best of my knowledge.
- b) A brief citation of achievement justifying conferring of the award is enclosed.
- c) It has the consent of the nominee and that consideration for an alternate award would also be acceptable.

Sponsor's Signature

Sponsors Name & Designation
(Tel Nos. and E-mail id)

Place :

Date :

(Note: The citation should not be more than 100 words. If selected, the citation would be read at the award giving ceremony)

APPENDIX 'D'

PREVIOUS NOMINATIONS BROUGHT FORWARD FROM YEARS 2018 & 2019

NATIONAL AERONAUTICAL PRIZE

YEAR 2019

1. Shri Sekar N.S., Scientist 'F', CVRDE, DRDO, MoD, Avadi, Chennai-600054.
2. Shri Biju Uthup, OS, ADA (Retd.), Shri M.S. Chandramouli, Sc./Engr. 'F', ADA, Shri Avijeet Acharya, Sc./Engr. 'D', ADA, Shri Kiran Kumar P V, Sc./Engr. 'G', ADA and Dr. Amarnath Raju, Sc./Engr. 'F', ADA.
3. Dr. Debasis Chakraborty, Group Director, Design Defence Research & Development Laboratory, Hyderabad-500058.
4. Dr. Vinod Karar, Chief Scientist, Head, Optical Devices & Systems Unit, CSIR – Central Scientific Instruments Organisation, Chandigarh-160030.
5. Air Marshal Raj Karan Singh Shera, AVSM VSM ADC, Air Officer Commanding in Chief, Hqrs. Maint. Command, Vayusena Nagar, Nagpur-440007.
6. Wg. Cdr. Surjeet Singh Kanyal, Wg Cdr. Indigenisation, Air HQ. RK Puram, New Delhi -66.
7. Gp Capt AMK Naidu and team consisting of Gp Capt Vinod, Gp.Capt. Sasi Guptan and Mr. Parashuram (CEMILAC) Chief of Aircraft, Technical HQ, 5 Base Repair Depot Air Force Station, Sulur, Coimbatore-641401.
8. Gp Capt Sasi Guptan and his team consisting of Sqn Ldr Kshitij Joshi, JWO J.K. Debey and Cpl M.K. Mishra, Rotable Servicing Division, 5 BRD, Air Force Station, Sulur, Coimbatore-641401.
9. Software Development Institute, IAF, Kempapura, Yemlur Post, Bengaluru-560037.
10. Gp. Capt. Randeep Katoch, Group Captain EW(Maintenance), 13th Floor, Air HQ(AB), CGO Complex, Lodhi Road, New Delhi-110003

YEAR 2018.

1. Cdr. Amit Kumar Bera, NFTS, INAS, 552, INS Hansa, Dabolim Goa
2. Cmde Deepak Bansal, Commodore Superintendent Naval Aircraft Yard, Kochi-682
3. Cdr Vivek Kumar Pandey, Lead FTE, NFTS, INAS 552, INS Hansa, Goa,
4. Cdr Ankur Jain, Senior Test Pilot NFTS, INAS 552, INS Hansa Dabolim Goa-403802,

DR. BIREN ROY SPACE SCIENCE AND /OR DESIGN AWARD

YEAR 2019

1. Shri G. Levin, Deputy Director, SPRE, VSSC, ISRO PO, Trivandrum
2. Shri M. Radhakrishnan, Dy. Director, CSC, LPSC/ISRO, Trivandrum-695547.

3. Shri Dilip Kumar Yadav, Scientist F, Directorate of Aerodynamics DRDL, Hyderabad-500058.

YEAR 2018

1. Shri Jothy Soman, Scientist/Engineer-SG, Head, Data Storage Division, UR Rao Satellite Centre, ISRO, Bangalore.
2. Dr. M.S. Siva, Division Head, Control Dynamics and Analysis Division-1, Control Dynamics and Simulation Group, U R Rao Satellite Centre, HAL Airport Road, Bengaluru.
3. Dr. K. Kishore Kumar, Scientist-G, Head Structural Test Facility, DRDL Hyderabad
4. Dr. R. Muthukumar, Deputy Director, Mechanical Design and Analysis, LPSC/ISRO, Valiamala, Thiruvananthapuram-695547.

DR. BIREN ROY TRUST AWARD

YEAR 2019.

1. Shri James, Scientist 'D', CVRDE, DRDO, Ministry of Defence, Avadi Chennai-600054.
2. Sri Roy M. Cherian, Outstanding Scientist and Dy. Director, Vikram Sarabhai Space Centre, Materials & Mechanical Entity, Trivandrum-695022.
3. Shri Narayanan G, Deputy Director, Systems Reliability & Quality Assurance, LPSC, ISRO, Trivandrum-695547.
4. Dr. Jaiteerth R. Joshi, Project Director, LRSAM (IAC) & Project Leader, XRSAM (KUSHA), DRDL, Hyderabad-500058.
5. Shri C. Radhakrishna Pillai Division Head, Checkout Systems and Satellite Navigation Division, Launch Vehicle Inertial System Area, IISU,
6. Shri Golla Ramanjulu, Sc./ Engr 'F', Dy. Project Director NMG & Mass Properties - LCA AF Mk2, Aeronautical Development Agency, Bengaluru-560017.
7. Sq Ldr Sukrit RP Singh, Production Engineer, Rotable Servicing Division, 1 BRD, AF, AFS Kanpur-208008.
8. Shri S.U. Nagin, Sahayak Engineer (Air Engineering), CGAE (Kochi)/747 Sqn (CG), Ernakulam-683575.
9. Shri Ashutosh Kumar Verma, Manager (Machine Shop-Fuel), HAL, Kanpur
10. Shri Ajay Khare, Dy.GM(D), Shri Sunil K. Valsan, CM(D), Shri Shaik Khaja Vali, SM(D) and Shri Nishant Kumar, SM(D), Mission & Combat System R&D Centre(MCSRDC), HAL, Bangalore.
11. Smt. Meena Kumari, Sr. Manager, Shri Rochak Sharma, Sr. Manager and Shri Raman Kumar, Sr. Manager, HAL, Transport Aircraft Division, Kanpur-208008.

YEAR 2018.

1. Shri Shivaprakash H, Chief Manager (Design), HAL, Aero Engine Research & Design Centre, Engine Division, CV Raman Nagar Post, Bangalore
2. Ms. Krishna Priya G., Scientist/Engineer SG, Section Head (SPCAS), Solar Panel Division, Power Systems Group, UR Rao Satellite Centre, HAL, Airport Road, BLR.

3. Ms. S. Srividhya, Scientist/Engineer-SG, Head, Data Handling Division, Payment Data Management Group, UR Rao Satellite Centre, ISRO, Bangalore.
4. Shri Raju BS, Scientist/ Engineer-H, Group Director, Structural Dynamics & Analysis Group, STR entity, VSSC, Thiruvananthapuram.
5. Shri Seshagiri R. Scientist/ Engineer F, Campus-2, Bangalore (94498 28054) and Shri Sudipto Das, Scientist/Engineer F, Campus-2, Bangalore.
6. Sqn Ldr Vishal Mishra, Experimental Test Pilot, Flight Test Squadron, Aircraft and Systems Testing Establishment, Yemalur.
7. Shri Amar Singh, Dy.GM (Design), AERDC, Engine Division, HAL, Suranjan Das Road, Bengaluru and his team of 6 members comprising Shri Jagannath Goleya, Sr. Manager (Design-EDD), Shri Kaushik Das, Sr. Manager (Design-SD), Shri Joseph Shibu. K, Sr. Manager (Design-SD), Syed Mazhar Ahmed, Manager (Design-SD), Shri Ashok Kumar Nayak, Sr. Manager (Quality) and Shri Kavindra Kumar, Sr. Manager (Methods).

DR. V.M. GHATAGE AWARD

YEAR 2019.

1. Shri P. Purushothaman, Group Director, Space Ordnance Design and Analysis Group/ASOE/VSSC,
2. Dr. Abhishek Kumar, Scientist 'E', Head Metal Forming Centre, DOE, DRDL
3. Wing Commander GP Singh, Flight Test Engineer Flight Test Squadron, ASTE, Bangalore -37
4. Shri Ravindra Babu, Sahayak Engineer (Air Radio) CGAE (Kochi)/747 Sqn (CG), Ernakulam-683575.
5. Shri Suneel Kumar Srivastava, Addl.GM (Design) (Team Leader) alongwith Shri Mohit Verma, Sr. Manager (Assembly & Testing-Western), Shri Dheeraj Kumar, Sr. Manager (Design) Aerospace System & Equipment Research & Design Center, Avionics Division, Korwa, Amethi-227412.
6. Shri Abhinandanpratap Pandey, Senior Manager (Planning-Su-30-Fuel), HAL, Planning Deptt., Lucknow.
7. Shri Ajay Kumar Shrivastava, Addl. General Manager (Design) and team, Transport Aircraft Research & Design Centre (TARDC), Transport Aircraft Division, HAL, Kanpur-208008.
8. Shri Karuna Pati Mishra, MCMECH(AR)II, Naval Institute of Aeronautical Technology, Naval Base, Kochi

YEAR 2018.

1. Shri Pradeep Mahuli, Sc.'G' Regional Director, Aircraft team leader with Shri S.K. Jebakumar, Sc. 'F', S.N. Giri, Sc. 'F', Dr. Peter Arun, Sc. 'F', TV Venkatesha, Sc. 'F', Arun Kumar Shukla, Sc. 'E', G. Senthilkumar, Sc. 'E' and Manoj Kumar Chaturvedi, Sc. 'E', RCMA(Aircraft), CEMILAC, DRDO, MoD, Marathahalli Colony Post, Bengaluru.
2. Shri K. Paul George, Manager, Cryogenic Main Engine and stage Test Facility (CMEST), ISRO Propulsion Complex, Mahendragiri-627133.

3. Shri Nemi Chand Shahu, Scientist/Engineer 'SF' Semi-Conductor Laboratory, Deptt. of Space, Gol.
4. Shri Seshagiri Ravinuthala, Scientist/Engineer 'F', Campus 2, Suranjan Das Road, Bangalore, Tel. 9449828054 and Shri Sudipto Das, Scientist/Engineer 'f', Campus-2, Suranjan Das Road, Bangalore.
5. Shri Arvindkumar J.Singh, AGM Manufacturing, L&T-Heavy Engineering, Gate No. 1, Saki Vihar Road, Powai, Mumbai-400.
6. Shri P. Vinod, Sci/Engr H, Group Director, DSG, Avionics, VSSC, ISRO Post, Thiruvananthapuram.
7. Shri K. Shaji, Group Director, Control System Production Group, MME/LPSC/ISRO, Valiamala P.O. Thiruvananthapuram.
8. Anantharamu K., Head, Geo Power Electronics Section, 4th floor, Insat Building, UR Rao Satellite Centre, Old Airport Road, Vimanapura Post, Bangalore.
9. Rear Admiral V.Mohan Doss, VSM, Asstt. Chief of Naval Staff (Air Material), Integrated HQ of MoD (Navy), A Block, New Delhi.
10. Dr. J. Krishna Kishore, Associate Project Director, SPADEX IRS & SSS Programme, UR Rao Satellite Center, Old Airport Road, Bangalore.
11. Wg.Cdr Monangkur Chowdhury, Wg.Cdr MT AE, Air HQ RK Puram,, West Block, 6, Wing 5, New Delhi.
12. Lt Col K.J. Singh, Senior Test Pilot, Army aviation Test Team, Bangalore.
13. Comdt MAK Aggarwal (0381-P), Commanding Officer, ICGAE (Porbandar), Near Civil Airport, Porbandar, Guj.
14. Dr. Ramesh Chandra Gupta, Scientist/Engr. – SF, 2108 Satellite Communication Antenna Division, Antenna Systems Group, Space Applications Centre, ISRO, Jodhpur Tekra, Ahmedabad.
15. Wg Cdr A. Rehman, Flight Test Engineer (Avionics), Flight Testing Sqn, ASTE, Post Yemlur, Bangalore-37.
16. Dr. Sudha U.P.V., Scientist/ Engineer 'E', Aeronautica Development Agency, MoD, P.B. No. 1718, Vimanapura Post, Bangalore.

EXCELLENCE IN AEROSPACE EDUCATION AWARD

YEAR 2019.

1. Prof. Rajkumar S. Pant, Professor, Aerospace Engineering Deptt. IIT Bombay, Powai, Mumbai
2. Prof. Shripad P. Mahulikar, , Professor, Deptt. of Aerospace Engg., IIT, Mumbai, Powal, Mumbai
3. Shri Anuj Sharma, MCAM(W)II Naval Institute of Aeronautical Technology, Naval Base, Kochi

YEAR 2018.

1. Combat Army Aviation Training School, Nashik, Pin 901157, C/o 56 APO
2. GMR Aero Towers, Ground Floor, DIAL, IGI Airport.

PRODUCTION TECHNOLOGY AWARD

YEAR 2019

1. Shri Rajesh P.S., Technician 'C', CVRDE, DRDO, Ministry of Defence, Avadi Chennai
2. Cdr. S. Raghavendran, Sr. Manager (Sea King Production), Naval Aircraft Yard, Kochi
3. Shri Muthuraja P, Technician-G PFC/CSG/PCM, VSSC
4. Shri Visanth MV, Technician 'G', Technical Service and Raw Materials Facility, Rocket Propellant plant, SPRE, VSSC, Thiruvananthapuram
5. Shri R. Sudarshan, Junior Engineer, QC-1 & M/SR-SPS/SRQA LPSC-B,
6. Wing Commander Deepak Kaura, Sr. Production Engineer, Aircraft Servicing Division, 1 BRD, Air Force AFS Kanpur
7. Corporal Sajal Saurav, Missile Technician at IAF, PW-Missile, Air Force Station Tughlakabad, New Delhi
8. Sgt Pradeep Kumar Sahoo, WS Fit (M), SNCO IC Modern Machine Shop, Industrial Facility, 4 BRD, Air Force Station, Kanpur
9. Shri T. Rambabu, TA-B, GMS-1/DOE, DRDL, Hyderabad.
10. Shri K. Nallusami, Technician 'G', ITI Fitter, NDT/SPROB, SDSC, Shar, ISRO, Sriharikota,
11. Shri B.K. Mondal, Pradhan Adhikari (Air Engineering),, CGAE (Kochi)/747 Sqn (CG), Ernakulam
12. Shri Suresha M.C., Highly Skilled Technician (CNC Machine Operation), HAL, Bangalore Complex, LCA Tejas Division, Bangalore.

YEAR 2018.

1. Shri M.P.A. Kumar, Adhikari (Air Engineering), 842 Sqn (CG), C/o INS Shikra Colaba, Mumbai.
2. Shri Kondababu Neteti, Uttam-Sahayak Engineer, (Air Engineering), Indian Coast Guard Air Station, Chennai, Rudra Road, St.Thomas Mount, Chennai.
3. Shri M. Narayanaswamy, Junior Engineer, Thin Films Division, HIG.
4. Shri Sudhakar Pandey, Mech (AL) 3, Kamov 28 Production-in-Charge, Air Electrical Department, INS Dega, NAD Post, Visakhapatnam.
5. Shri T.V. Nikhil, Technician-F, QDVF/QRMIG/SR VSSC, ISRO, ISRO PO, Trivandrum.
6. Sergeant Rajan Prasad, Technical Supervisor, Air Frame Section, IL Tech. Flight, AFS Agra.
7. JWO Asok Mukhopadhyay, Quality Inspector, Quality Assurance Division, 5, Base Repair Depot, AFS Kanpur.

INDIGENISATION OF AERONAUTICAL EQUIPMENT AWARD

YEAR 2019

1. Dr. J. K. Radhakrishnan, Scientist 'G', Head, Department of sensor Technology, Defence Bioengineering & Electromedical Laboratory (DEBEL), DRDO, C.V. Raman Nagar, Bangalore-

2. Shri S. Mahesh Babu, Sc./Engineer 'F', Deputy Project Director (Prototype Manufacturing and Production) and Dr. K. V. Ramana Murthy, Sc./Engr. 'E', Deputy Project Director (GS-CHE), ADA Bangalore.
3. Shri Avinash Ramprasad Dwivedi, Director (Design), M/s. Adtech Inventions Private Limited, L-45, MIDC, Ambad, Nashik
4. Gp Capt Randeep Katoch, Gp Capt. EW (Maint.),, 13th Floor, Air HQ (AB), New Delhi
5. Gp Capt N. Karthikeyan, CEMILAC, DRDO, Marathali Colony, Bengaluru-
6. Wing Commander Pulkit Misra, Sr. Engineer (Electronic Warfare), Officers Mess Air Force Station, Bareilly
7. Wg. Commander Surendra Choudhary, Sr. Production Engr. Dornier Aircraft Servicing Division, Air Force Station Sulur, Coimbatore
8. Dr. Vinod Karar, Chief Scientist, Head, Optical Devices & Systems Unit, Coordinator, Academy of Scientific & Innovative Research, CSIR-Central Scientific Instruments Organisation, Chandigarh and his team of Shri Ravindra Kumar Sinha, Shri Shravan Kumar, Dr. Harry Garg, Dr. Divya Agrawal, Dr. Surender Singh Saini, Shri Sanjay Sharma, Dr. Amit Lochan Sharma, Dr. Neelam Kumari, Dr. Mukesh Kumar, Shri Hemant Singh Ajal, Shri Kumhar Lal and Shri Ashok Kumar. CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Sector 30C, Chandigarh
9. Shri Sandip Chattopadhyay & Team, Scientist G and Project Director, Hypersonic Wind Tunnel, DRDL, Hyderabad
10. Shri Chandu Hari Krishna, Chief Manager (A&T), GCA, HAL, Shri S. Ramarao, Manager (A&T), and Shri P. Pavan Kumar, Dy. Manager (D), Engg., HAL, Hyderabad
11. Shri Babrubahan Sahu, Sr. Manager (Equipment Indigenizationj), Shri Tikeswar Pradhan, Manager (EI-Design), and Shri Ankit Kumar Dy. Manager (EI-Electrical), HAL Koraput
12. Shri Jay Ram Varma, Sr.Manager (Assembly & Test Instrument), and Shri Girish Kumar, Sr.Chief Supervisor (Instrument), HAL, Lucknow,
13. S/Shri Shanker, Dy.GM (Design), SLRDC, and Shri B. Renu Prathap, Sr.Manager (Design), HAL Hyderabad
14. Shri Sachidananda Swain, Manager (Methods-SED); Shri Naresh Guru, Dy.Manager (Design), Shri K. Srinivas Kumar, Asstt.Supervisor (PIng.), Shri Sudarsan Samantray, Planner (A), ED, HAL, Koraput
15. Shri B.R. Sampath Kumar, Dy.GM (Design), VORILS Lab, SLRDC, HAL, Hyderabad-42, and Shri Kamlesh Kumar Bohra, Sr.Manager (Design), VORILS Lab, SLRDC, HAL, Hyderabad
16. JWO Sanil Kumar SK, WO IC Mirage Upgrade, Directorate Engg. Mirage , Air Headquarters, Vayu Bhawan, Rafi Marg, New Delhi,
17. Lt Cdr Anirban Ghosh, Sr Manager (Design & Dev.), Naval Aircraft Yard, Kochi

YEAR 2018

1. Commander Sandeep GS, Sr. Manager, Indigenisation, Naval Aircraft Yard, Dabolim, Vasco Da.Gama, Goa.
2. S/Shri V.Reddy, Chief Manager (Design), K.Sreenivasa Rao, Sr.Mgr (Design), M.Ebenezer Daniel, Sr.Mgr. (Design), Manoj Kumar Mishra, Mgr (Design) Ashish

- Kumar Yadav, Sr.Mgr. (Design), Aero Engine Research & Design Centre, Engine Division, HAL, Old Madras Road, CV Raman Nagar Post, Bangalore.
3. S/Shri Amar Singh, Dy.GM (Design), Jagannath Goleya, Sr.Mgr (Design-EDD), Kaushik Das, Sr.Manager (Design-SD), Joseph Shibu.K., Sr.Manager (Design-SD), Syed Mazahar Ahmed, Mgr. (Design-SD), Ashok Kumar Nayak, Sr.Manager (Quality), Kavindra Kumar, Sr.Mgr. (Methods). All of them are from Aero Engine R&D Centre (AERDC), Engine Division, HAK, Suranjan Das Road, CV Raman Post, BLR.
 4. Shri V.Krishnanandan, Group Director, Control Systems Design and Integration Group, Thiruvananthapuram.
 5. S/Shri Heera Lal Maurya, Manager (A&T-I), Jagobandhu Bairagi, Sr.Master Tech (SU30-1), Sanjay Yadav, Sr.Manager (Equipment) and Ms. Purnima Gupta Manager (QC-1), HAL, Lucknow.
 6. Shri Thomas Tharian, General Manager-Material Development and Procurement Group, MME/LPSC/ISRO, Valiamala P.O. Thiruvananthapuram.
 7. Wg Cdr Dharmendra Singh 24756-T AE(M), Chief Engineer GED, 4 BRD, Air Force, AF Station Kanpur.
 8. Flt Lt B.Vijay Kiran, Engineering Officer (Dornier Daily Servicing Section), 59 Squadron Air Force, Guwahati, Assam.
 9. Wg Cdr Atul Mendhe, Senior Engineer, Indigenisation, 1 CIMD, AF, C/o 11 BRD, AF.
 10. Wg Cdr V Manoj Kumar, Senior Production Engineer Indigenisation, AOC, 11 BRD, AF.
 11. Major Mohd. Majid Kamal, Engineering Officer, 2015 AMaint Flt./203 Army Avn Sqn (UH), Pin-925203, c/o 56 APO.
 12. S/Shri S.P. Madhavan, Sr. Manager (Dev.), HAL-F&F, K.Satyendra Kumar, Sr.Manager (Shop), HAL-F&F, Dy.Manager (Methods), HAL-F&F, Durai Kannan G./, Sr.Manager (Shop) HAL-F&F, Dileep Yaswanth, Mgr. (Shop) HAL-F&F, Jayashell Manta, Mgr. (QC), HAL-F&F, Kamal Kumar Halder, Mgr. (Shyop), HAL-F&F, Ariventhi K. Dy.Manager (Methods) HAL-F&F, PRamjesh, Dy.Mgr. (Lab) HAL-F&F, P Jayapal, Sc.H, CE (Airworthiness), G.Gouda, Sc. H, Associate Director (Propulsion), Dr. Shirish S.Kale, Sc.F, RD, RCMA (F&F-FOL), Dr.T. Ram Prabhu, Sc.D, RCMA (F&F-FOL), and P.Satya Bhaskar, Sr.Scientific Officer-1, ORDAQA(F&F).

SWARNA JAYANTI AWARD

YEAR 2019

1. Sh. Shashikant Ishwardas Dhopte, Scientist/Engineer 'D', ADA, PB 1718, Vimanapura Post, Bangalore
2. Shri J. Paul Murugan, Scientist/Engr. 'SF' Deputy Project Director, Test Vehicle Project, STS, VSSC/ISRIO, Trivandrum
3. Shri Sujith K. Rajan, Sc./Engineer – SF, Systems Reliability Satellite, Cryo and Semi Cryo Components Division, ISRO, Valiamala.
4. Ms. Jayalakshmi Myala, Sc./Engr. 'E', IFCS Directorate, ADA, P.B. No. 1718, Vimanapura Post, Bangalore
5. Shri Ramesh Reddy C, Scientist 'F', Project Director, NS30, Deputy Project Director, Anvesh Research Centre Imarat (RCI), DRDO, Hyderabad.

6. Comdt. Anurup Singh, Flight Commander and Dy. Comdt. Vivek Varansi, Staff Pilot, ICGS Vishakhapatnam,
7. Shri Lakshman Singh, Senior Manager (Projects), hal, Avionics Division, Korwa, Amethi,

YEAR 2018

1. Shri A. Rolex Ranjith, Scientist 'E', Directorate of Liquid Propulsion, Defence Research and Development Agency, Kanchanbagh PO, Hyderabad.
2. Shri Sukhendu Sekhar Manna, Scientist/Engineer-S Shri S. Rajesha Kumar, Scientist/ Engineer-SF Thermal Systems Group, UR Rao Satellite Centre, ISRO, Bangalore E, Systems Integration Group, UR Rao Satellite Centre, ISRO, Bangalore.
3. Shri S. Rajesha Kumar, Scientist/ Engineer-SF Thermal Systems Group, UR Rao Satellite Centre, ISRO, Bangalore.
4. Ms. Asha Anand, Scientist/Engineer SF, Power Systems Group, 4th floor, INSAT Building, URSC Bangalore.
5. Shri KK Dipin, Pradhan Yantrik (Air Electrical), 842 Sqn (CG), c/o INS Shikra Colaba, Mumbai.
6. SAR crew of Distressed Vessel SSL Kolkata consisting of Comdt. (JG) Umakant Mandal (DOB 5.7.1984), Dy.Comdt. Amit Kadian (DOB 18.06.1990) and Dy.Comdt. Sushant Mohan Mehta (20.4.1989), Hangar No. 19, NSCBI Airport, Kolkata.
7. Mrs. B. Lebonah, Scientist/ Engineer SE, Cryogenic High Altitude Test Facilities, ISRO Propulsion Complex, Mahendragiri.

BHARAT RATNA JRD TATA AWARD

YEAR 2019

1. Capt. Pankul Mathur, GM-Ops & Trg. Admin, Air India, Hqrs New Delhi

YEAR 2018

1. Shri P.S. Nair, Executive Director, GMR Airports Ltd., 3rd Floor, New Udan Bhawan, Near Terminal 3, IGIA.
2. Mrs, Harpreet A.De.Singh, Executive Director & Chief of Flight Safety & Head of Corporate Safety, Quality & environment management systems, Mumbai.

BHARAT RATNA DR. APJ ABDUL KALAM AWARD FOR INNOVATION IN AVIATION.

YEAR 2019.

1. S/Shri KPS Murthy, Sc.'H', Director, HEMRL, VK Dixit, Sc.'H' Associate Director, ARDE, AVM (retd.) SJ Nanodkar (1.7.1959), VCAS IAF, C. Srikanth, Sc.'F' ARDE (14.7.1974) and Satyendra Singh, Sc.'E', ARDE
2. Ms. Suma Varughese and Team Ms. Suma Varughese is Outstanding Scientist in Centre for Air Borne Systems, Yemlur Post, Belur, Bengaluru
3. Shri R. Narayan, Sc./Engr.'H', Deputy Director, LPSC, ISRO, Bangalore
4. Shri R. Santhanam, Scientist 'E', Structures Division (SD), Directorate of Flight Structures (DOFS), Defence R&D Laboratory (DRDL), Defence R&D Organisation (DRDO), Hyderabad
5. Software Development Institute, Indian Air Force, Kempapura, Yemlur Post, Bengaluru
6. S/Shri Shrikant Mendhe, Manager (Process Planning Overhaul), Shrikant Vadnal, Sr.Manager and Anand Hirlekar, HAL, Nashik
7. S/Shri S. Manicka Vasagam, Chief of Projects (LCA-Tejas), D. Rajasekaran, Addl. GM (Mfg. & Tlg.), LCA-Tejas and S. Vijayakumar, Chief Manager (Methods Engineering), LCA – Tejas.. LCA-Tejas Division, HAL Bengaluru

YEAR 2018.

1. Flt Lt B.Vijay Kiran, Engineering Officer (Dornier Daily Servicing Section) 59 Squadron Air Force, Guwahati, Assam.
2. Shri C. Jebasiamony, Group Head, CUSAIG/SAIE/IPRC.
3. Gp Capt Randeep Katoch, Director (Maintenance), 13th floor, Air HQ (AB), CGO Complex, Lodhi Road, New Delhi.
4. Shri P.Satyanarayana, Group Director, Power Systems Group U.R. Rao Satellite Centre, HAL Airport, Bengaluru.
5. Shri A.Thangaraj, Chief Manager (Design), HAL, Aero Engine Research & Design Centre, Engine Division, Old Madras Road, CV Raman Nagar Post, Bangalore.