

**E.G.S.PILLAY ENGINEERING COLLEGE (Autonomous),  
NAGAPATTINAM – 611002.**

**Approved by AICTE and Affiliated to Anna University)  
(An ISO 9001:2008 Certified Institution | Recognised by UGC 2(f) & 12 (B)**



# **NEWS LETTER**

*(January 2019 – December 2019 / Volume - 7; Issue-1)*

## **DEPARTMENT OF MECHANICAL ENGINEERING**

*(NBA Accredited)*



**Website: <http://www.egspec.org>**

**Ph: 04365-251114**

**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
**(Autonomous)**  
**Department of Mechanical Engineering (NBA Accredited)**

**Chairman**

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**Secretary**

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**Principal**

Dr.S.Ramabalan, M.E., Ph.D.

**Dean / Mechanical & Building Sciences**

Dr. S.Krishnamohan, M.E., Ph.D.

**Head of the Department**

Dr. G. Gurumoorthy, M.E., Ph.D.

**Faculty Members**

| Sl. No | Name                    | Qualification   | Designation         |
|--------|-------------------------|-----------------|---------------------|
| 1      | Dr. S. Ramabalan        | M.E., Ph.D      | Professor           |
| 2      | Dr.S.Krishna Mohan      | M.E., Ph.D      | Professor           |
| 3      | Dr.N.Ramanujam          | M.Tech., Ph.D   | Professor           |
| 4      | Dr.G.Gurumoorthi        | M.E., Ph.D      | Professor           |
| 5      | Dr.V.SivaramaKrishnan   | M.E., Ph.D      | Professor           |
| 6      | Dr.V.Sivaraman          | M.Tech., Ph.D   | Professor           |
| 7      | Dr.J.Jeevamalar         | M.E., Ph.D      | Associate Professor |
| 8      | Dr. S. Chockalingam     | M.E., Ph.D      | Associate Professor |
| 9      | Mr. K.Marimuthu         | M.Tech.         | Assistant Professor |
| 10     | Dr.V.Navaneethakrishnan | M.Tech,Ph.D     | Assistant Professor |
| 11     | Mr.R.Sundar             | M.Tech., (Ph.D) | Assistant Professor |
| 12     | Mr.G.Surendar           | M.Tech.         | Assistant Professor |
| 13     | Mr.V.Manathuanai Nathan | M.E., (Ph.D)    | Assistant Professor |
| 14     | Mr.G.Sundaravadivel     | M.E., (Ph.D)    | Assistant Professor |
| 15     | Mr.B.ManiKandan         | M.Tech., (Ph.D) | Assistant Professor |
| 16     | Mr.K.Senthil Nathan     | M.Tech., (Ph.D) | Assistant Professor |
| 17     | Mr.G.Hari Narayanan     | M.E.            | Assistant Professor |
| 18     | Mr.A.Arun Kumar         | M.E., (Ph.D)    | Assistant Professor |
| 19     | Mr.K.Balasubramanian    | M.E.            | Assistant Professor |
| 20     | Mr.S.Harishkirthi       | M.E.            | Assistant Professor |
| 21     | Mr. M.Subramaniyan      | M.Tech.         | Assistant Professor |
| 22     | Mr. N.Prabhu            | M.E.            | Assistant Professor |
| 23     | Mr. S.Muruges           | M.E.            | Assistant Professor |
| 24     | Mr. N.Manikandan        | M.E.            | Assistant Professor |
| 25     | Mr.S.Udhayamuthu        | M.E.            | Assistant Professor |
| 26     | Mr.K.Kathirvelan        | M.E.            | Assistant Professor |
| 27     | Mr.R.Balaj              | M.E.            | Assistant Professor |
| 28     | Mr.R.AshwinChakravarthy | M.E.            | Assistant Professor |
| 29     | Mr.P.Kalaiggar          | M.E.            | Assistant Professor |
| 30     | Mr.G.Ashokkumar         | M.E.            | Assistant Professor |
| 31     | Mr.S.Ramesh             | M.E.            | Assistant Professor |

**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**  
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● **Department Vision**

To foster academic excellence in Mechanical Engineering Education and Research and turn out students into competent professionals to serve the society.

● **Department Mission**

M1: To produce successful mechanical engineers through innovative teaching and learning processes and by enhancing the knowledge and skills of faculty members and supporting staff through various training programmes.

M2: To establish state-of-the-art laboratories and centers of excellence to promote good quality education, research and consultancy for industrial and societal needs.

M3: Complementing the class room teaching with live projects, field works, seminars to build self learning, and lifelong learning capability, and to develop out of box thinking. Also, developing capability to adapt to evolving technological challenges, communicate effectively, work effectively as individuals and as team members and adhering to professional ethics.

● **About the Department**

The department of Mechanical Engineering was established in 1995. The department offers a under graduate B.E. (Mechanical Engg.) and a Post Graduate M.E. (Manufacturing Engg.) programmes. The department has approved as research centre by Anna University and Annamalai University. The department has highly qualified and experienced faculty. The department has well infrastructural facilities and has fully equipped laboratories with adequate hardware and software. The teaching faculties are active in conducting research and publishing the papers in reputed Journals and Conferences. The department has conducted six International Conferences and four AICTE sponsored Faculty Development Programs.

● **Courses Offered**

- ✓ B.E. – Mechanical Engineering
- ✓ M.E. – Manufacturing Engineering
- ✓ Ph.D. - Mechanical Engineering

● **Association Name**

- *Mechanical Engineering Association*
- *SAE Club*
- *IE Chapter*
- *Renewable Energy Club*

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- **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO 1:** Preparing the graduates to have successful career in mechanical and associated industries or becoming an entrepreneur or pursuing higher education and research.

**PEO 2:** Developing ability to apply fundamental technical knowledge and skills to find practical solutions to technological challenges and problems in core and allied areas of mechanical engineering.

**PEO 3:** Complementing the class room teaching with live projects, field works, seminars to build self learning, and lifelong learning capability, and to develop out of box thinking. Also, developing capability to adapt to evolving technological challenges, communicate effectively, work effectively as individuals and as team members and adhering to professional ethics.

- **PROGRAM OUTCOMES (POs)**

**PO 1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO 2: Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO 3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO 4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO 5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO 6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

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**PO 7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO 8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO 9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO 10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO 11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO 12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

● **PROGRAM SPECIFIC OUTCOMES (PSOs)**

The Mechanical Engineering program aims at:

**PSO1:** Design, develop, test and maintain advanced thermal engineering systems for industrial and other applications.

**PSO2:** Apply the concepts of modern manufacturing and industrial engineering techniques in industries.

**PSO3:** Modeling, design and analysis of mechanical components using Computer Aided Design and Analysis software tools.

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**NSS ACTIVITIES**

| <b>SL. NO.</b> | <b>DATE</b>                 | <b>ACTIVITY</b>   |
|----------------|-----------------------------|---|
| 1              | 02-01-2019                  | FOUNDER'S DAY CELEBRATION<br>(TREE PLANTATION, FOOD DISTRIBUTION)   |
| 2              | 07-01-2019                  | CAMPUS CLEANING   |
| 3              | 09-01-2019                  | NATIONAL CONSUMER DAY   |
| 4              | 11-01-2019                  | PLASTIC AWARENESS PROGRAM   |
| 5              | 12-01-2019                  | YOUTH DAY CELEBRATION<br>(SWAMI VIVEKANANDAR BIRTH DAY)   |
| 6              | 20-01-2019                  | VOTERS DAY AWARENESS SPEECH,<br>DRAWING AND ESSAY COMPETITION<br>PROGRAM CONDUCTED                                    |
| 7              | 23-01-2019                  | NETHAJI SUBASH CHANDRABOSE<br>BIRTHDAY  |
| 8              | 25-01-2019                  | VOTERS DAY AWARENESS RALLY<br>PROGRAMME   |
| 9              | 01-03-2019 to<br>07-03-2019 | NSS SPECIAL CAMP  |
| 10             | 06-03-2019                  | ROAD SAFETY AWARENESS PROGRAM<br>AT NEW BUSTAND, NAGAPATTINAM.  |
| 11             | 07-03-2019                  | WOMEN'S DAY CELEBRATION   |
| 12             | 16-03-2019                  | DISTRICT STADIUM CLEANING WORK  |
| 13             | 22-03-2019                  | WORLD WATER DAY   |
| 14             | 01-03-2019 to<br>07-03-2019 | BLOOD DONATION AT GOVT HOSPITAL<br>NAGAPATTINAM, VINAYAGA MISSION<br>HOSPITAL KARAIKAL & MEDICAL<br>CENTER TIRUVARUR. |
| 15             | 05-06-2019                  | WORLD ENVIRONMENT DAY<br>(TREE PLANTATION PROGRAM AT OUR<br>COLLEGE CAMPUS)   |
| 16             | 21-06-2019                  | WORLD YOGA DAY PROGRAM  |
| 17             | 27-07-2019                  | DR.A.P.J.ABDUL KALAM MEMORIAL DAY   |
| 18             | 02-08-2019                  | ROAD SAFETY AWARENESS PROGRAM   |

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| SL. NO. | DATE   | ACTIVITY   |
|---------|--|--|
| 19      | 13.08.2019   | ROAD SAFETY AWARENESS PROGRAM  |
| 20      | 15-08-2019   | INDEPENDENCE DAY CELEBRATION   |
| 21      | 20-08-2019   | SWACHH BHARATH RALLY AND CLEANING WORK PROGRAM AT NAGAPATTINAM BEACH |
| 22      | 22.08.2019   | ADITHYA CHANNEL ORGANIZE THE DEBATE AT OUR COLLEGE                   |
| 23      | 29-09-2019   | FIT INDIA MOVEMENT   |
| 24      | 01-09-2019   | NSS ORIENTATION PROGRAM  |
| 25      | 05-09-2019   | TEACHERS DAY CELEBRATION   |
| 26      | 09-09-2019   | VOTERS AWARENESS COMPETITION   |
| 27      | 15-09-2019   | ROAD CLEANING WORK   |
| 28      | 24-09- 2019  | NSS DAY (MOTIVATION AND ORIENTATION PROGRAM)                         |
| 29      | 30-09-2019   | HELMET AWARENESS PROGRAM   |
| 30      | 21-09-2019,<br>28-09-2019,<br>05-10-2019 &<br>12-10-2019 | CROWD CONTROL  |
| 31      | 01-10-2019   | NATIONAL VOLUNTARY BLOOD DONATION DAY (AWARENESS PROGRAM)            |
| 32      | 02-10-2019   | GANDHI JAYANTHI DAY CELEBRATION.                                     |
| 33      | 05-10-2019   | CLEANING WORK AT COLLEGE ROAD.                                       |
| 34      | 13-10-2019   | DISASTER REDUCTION DAY   |
| 35      | 15-10-2019   | ABDUL KALAM BIRTHDAY CELEBERATION (TREE PLANTATION PROGRAM)          |
| 36      | 05-10-2019   | AYUDHA POOJA CELEBERATION  |
| 37      | 15-10-2019   | DR.A.P.J .ABDULKALAM BIRTHDAY CELEBRATION                            |
| 38      | 07-11-2019   | GENERAL MEDICINE AWARENESS CAMP                                      |
| 38      | 10.12.2019   | WORLD AIDS AWARENESS PROGRAM.  |
| 40      | 27-12-2019   | VIGILANCE AWARENESS RALLY  |



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**• Events Organized with MoU Signed Industries**

| S.NO | DATE                          | INDUSTRY                        | INTERACTED PERSON | EVENTS THROUGH MoU | BENEFICIARY         |
|------|-------------------------------|---------------------------------|-------------------|--------------------|---------------------|
| 1    | 03-08-2019<br>&<br>07-09-2019 | I3 Design technologies, Chennai | Er. B.Kovarasan   | Hands on training  | Final year students |

**• Industry Involvement**

| SL. NO. | DATE       | COURSE NAME             | TOPIC                                  | INDUSTRIAL EXPERT                | INDUSTRY NAME  | BENEFICIARIES |
|---------|------------|-------------------------|--|----------------------------------|--|---------------|
| 1       | 07.09.2019 | Automobile Engineering  | Modeling of automatic safety equipment | Mr.Kovarasan, MD                 | I3 design solution, Coimbatore                           | III MECH      |
| 2       | 14.09.2019 | Automobile Engineering  | Modeling of automatic safety equipment | Mr.Kovarasan, MD                 | I3 design solution, Coimbatore                           | IV MECH       |
| 3       | 17.08.2019 | Thermal Engineering     | One day workshop on Air-Conditioning   | S.Venkatraman MD                 | Cryogenic absolute zero degree solution, Nagapattinam    | II MECH       |
| 4       | 14.09.2019 | Thermal Engineering     | One day workshop on Air-Conditioning   | Radhakrishnan Proprietor         | Bharath Refrigeration and Air-conditioning, Nagapattinam | III MECH      |
| 5       | 17.08.2019 | Thermal Engineering     | HVAC                                   | Mr. M.Mohamed Ibrahim Proprietor | Reads Engineering Ltd, Nagapattinam                      | IV MECH       |
| 6       | 03.08.2019 | Maintenance Engineering | Awareness on industrial safety         | P. Venkateshwaran HSE Engineer   | NBTC, Kuwait   | IV MECH       |



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• **Initiatives related to Industry Internship/Summer Training**

| S.NO | DATE OF VISIT | NAME OF THE INDUSTRY/ INSTITUTION | TYPES OF INDUSTRY/ INSTITUTION | YEAR OF STUDENTS | NO .OF STUDENTS |
|------|---------------|-----------------------------------|--------------------------------|------------------|-----------------|
| 1    | 10.06.19      | ICF, Chennai                      | MANUFACTURING                  | IV               | 08              |
| 2    | 27.07.19      | ARR PET INDUSTRIES                | MANUFACTURING                  | III              | 142             |
| 3    | 03.08.19      | ARR PET INDUSTRIES                | MANUFACTURING                  | II               | 133             |
| 4    | 07.08.19      | ANNAMALAI UNIVERSITY              | INDUSTRIAL LAB                 | III              | 142             |
| 5    | 17.08.19      | ARR PET INDUSTRIES                | MANUFACTURING                  | IV               | 137             |
| 6    | 31.08.19      | MAHINDRA FIRST CHOICE, THIRUVARUR | AUTOMOBILE                     | III              | 142             |

• **Indian Society for Technical Education (ISTE) Program**

| S.NO | PROFESSIONAL BODIES                           | TITLE                                  | FACULTY CO-ORDINATOR NAME   | DURATION OF THE ACTIVITY |
|------|---|--|---|--------------------------|
| 01   | Indian Society for Technical Education (ISTE) | Impact of OBE for Engineering students | Dr.S.Ramabalan<br>Dr.M.Chinnadurai<br>Dr.G.Ganesan<br>Dr.V.Sivaramakrishnan | 18.01.2019 to 19.01.2019 |

• **The Institution of Engineers Events**

| S.NO | TITLE                                     | FACULTY CO-ORDINATOR NAME            | DURATION OF THE ACTIVITY |
|------|---|--------------------------------------|--------------------------|
| 01   | Energy conservation and electrical safety | Dr.G.Ganesan<br>Mr.G.Sundara Vadivel | 22.03.2019               |

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• **Mechanical Engineering Association Events**

| SL NO | DATE                                   | TITLE   | EVENT  |
|-------|--|---|--|
| 1     | 03/08/2019<br>17/08/2019               | Career and skill development program  | Design club program                                  |
| 2     | 27/07/2019<br>03/08/2019               | ling of automobile safety equipments  | Automobile club                                      |
| 3     | 27/07/2019<br>03/08/2019<br>17/08/2019 | Industrial safety and maintenance   | Maintenance and safety club                          |
| 4     | 27/07/2019                             | Industrial visit at A.R.R.Pet Industries (Water bottle manufacturing by induction moulding)                       | Technical visit club                                 |
| 5     | 07/08/2019                             | Various advanced laboratories related to Nontraditional machines and Welding in Annamalai university, Chidambaram | Technical visit club                                 |
| 6     | 03/08/2019                             | Industrial visit at A.R.R.Pet Industries (Water bottle manufacturing by induction moulding)                       | Technical visit club                                 |
| 7     | 17/08/2019                             | Industrial visit at A.R.R.Pet Industries (Water bottle manufacturing by induction moulding)                       | Technical visit club                                 |
| 8     | 27/07/2019<br>03/08/2019<br>17/08/2019 | Emerging trends in solar energy Quiz program.   | Solar energy club                                    |
| 9     | 17/08/2019                             | Seminar on “Additive Manufacturing” Hands on training of 3D printing  | Materials and Manufacturing Engineering Club         |
| 10    | 17/08/2019                             | Seminar on “Application of Nano Materials in Engineering” Hands on training of Foundry process                    | Materials and Manufacturing Engineering Club         |
| 11    | 17/08/2019                             | One day workshop on “Air Conditioning”  | HVAC (Heating Ventilation And Air Conditioning) Club |

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• **Mechanical Engineering Association Events**

| SL NO | DATE       | TITLE   | EVENT  |
|-------|------------|---|--|
| 12    | 14/09/2019 | “Modeling of automobile safety equipments”                  | Automobile club                                      |
| 13    | 28/08/2019 | “ROBO Project Expo-2019”                                    | Robotics club  |
| 14    | 31/08/2019 | Industrial visit at “Mahindra First Choice All Car Service” | Technical visit club                                 |
| 15    | 31/08/2019 | Hands on training of Foundry process                        | Materials and Manufacturing Engineering Club         |
| 16    | 14/09/2019 | One day workshop on “Air Conditioning”                      | HVAC (Heating Ventilation And Air Conditioning) Club |
| 17    | 14/09/2019 | Combined plant visit (SOLAR AND WIND)                       | Solar energy club                                    |

**STUDENTS ACHIEVEMENTS**

• **Participation in Internship/In-Plant Training**

| S.NO | NAME OF THE PARTNERING INSTITUTION/ INDUSTRY /RESEARCH LAB WITH CONTACT DETAILS | NO. OF STUDENTS | DURATION                |
|------|---|-----------------|-------------------------|
| 1    | NL, NEYVELI   | 05              | 22.11.19<br>To 05.12.19 |
| 2    | ONGC, KARAIKAL  | 04              | 10.12.19<br>To 16.12.19 |
| 3    | JOHNSON TILES, KARAIKAL   | 04              | 19.12.19 to 24.12.19    |

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• **Participation in Inter-Institute Events**

| S NO | STUDENT NAME   | YEAR         | TOPIC  | DATE                    | PLACE               |
|------|--|--------------|--|-------------------------|---------------------|
| 1    | ASHOK S  | II           | Impact Of Outcome Based Education For Engineering Students | 18.01.2019-19.01.2019   | ISTE & EGSPEC       |
| 2    | ARAVINDH M<br>THIYAGESAN S<br>VENKADESH S<br>VAITHEESVARAN S<br>RAJA V<br>KALIMUTHU K<br>CHOZHARAJAN T<br>DHILEEP R<br>MUTHU<br>KUMARAN V<br>PANJU VIJAYAN S<br>PRASANNA S<br>PRATHAP S<br>RADHAKRISHNAN S<br>RAVIRAJ B<br>SRIDHAR V<br>SUDHARSAN M<br>VELAVAN K<br>YASHIR HASIF H | IV-A<br>IV-B | Application Oriented Materials In Science & Technology     | 4.07.2019 to 06.07.2019 | EGSPEC NAGAPATTINAM |

• **Placement & Higher Studies**

| S. NO | TOTAL NO. STUDENTS | NO. OF PLACED STUDENTS | NO. OF STUDENTS PURSUING HIGHER STUDIES |
|-------|--------------------|------------------------|---|
| 01    | 136                | 103                    | 5                                       |

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**• Sports Achievements**

| S. NO | NAME OF THE STUDENT | YEAR | NAME OF THE INSTITUTION              | DATE                     | GAME                 | PRIZE WON / PARTICIPATION |
|-------|---------------------|------|--------------------------------------|--------------------------|----------------------|---------------------------|
| 1     | M,MANIKANDAN        | IV   | ARSU ENGINEERING COLLEGE, KUMBAKONAM | 17-09-2019 to 21-09-2019 | BASKETBALL           | WINNER-UP                 |
| 2     | DEVENDRAN           | III  | PAAVAI ENGINEERING COLLEGE, NAMAKKAL | 12-11-2019 to 15-11-2019 | 100M,200M,400M Relay | GOLD MEDAL                |

**FACULTY ACHIEVEMENTS**

**• International Journals Published**

| S.N O | STAFF NAME                         | TITLE OF THE PAPER  | NAME OF THE JOURNAL  | YEAR | ISSN NO.  | REFERRED JOURNAL | IMPACT FACTOR |
|-------|------------------------------------|---|--|------|-----------|------------------|---------------|
| 1     | Dr.S. Chockalingam                 | Study of Mechanical And Thermal Behaviors of Zea- Coir Hybrid Polyester Composites                              | Materials today proceedings  | 2019 | 2214-7853 | SCOPUS           | 1.7           |
| 2     | Dr. S.Chockalingam                 | Taguchi Optimization of Cutting Parameters for Surface Roughness and Material Removal Rate in Turning Operation | International Research Journal of Engineering and Technology (IRJET) | 2019 | 2395-0056 | SCOPUS           | 2.78          |
| 3     | Mr.G.Surender<br>Mr.R.Sundar       | Synthesis and analyse the physical properties of sugarcane bagasse glassfiber epoxy composites                  | International Research Journal of Engineering and Technology (IRJET) | 2019 | 2395-0056 | UGC              | -             |
| 4     | Dr.J.Jeevamalar,<br>Dr.S.Ramabalan | Multi-Criteria Decision of W-Powder Mixed Electro Discharge Drilling Parameters using TOPSIS Approach           | MECHANIKA  | 2019 | 1392-1207 | SCIE             | 1.7           |

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• **Faculty Development Program Attended**

| S.NO | STAFF NAME & DESIGNATION | PROGRAM DETAILS         |   |                            |             |
|------|--------------------------|-------------------------|---|----------------------------|-------------|
|      |                          | NAME OF THE INSTITUTION | TITLE   | DURATION                   | NO. OF DAYS |
| 1    | Mr.N.Prabhu              | Vel Tech High Tech      | Advances In Computational Fluid Dynamics (CFD)              | 18/06/2019 to 22/06/2019   | 5           |
| 2    | Mr.S.Harish kirthi       | Vel Tech High Tech      | Advances In Computational Fluid Dynamics (CFD)              | 18/06/2019 to 22/06/2019   | 5           |
| 3    | Mr.B.Manikandan          | Vel Tech High Tech      | Advances In Computational Fluid Dynamics (CFD)              | 18/06/2019 to 22/06/2019   | 5           |
| 4    | Mr.M.Subramaniyan        | NPTEL                   | Nanomaterial for Energy Harvesting and Storage Applications | July 2019 – August 2019    | 8 weeks     |
| 5    | Dr. J. Jeevamalar        | NPTEL                   | Engineering Metrology                                       | July 2019 – October 2019   | 12 weeks    |
| 6    | Dr. N. Ramanujam         | NPTEL                   | Manufacturing of Composites                                 | August 2019 – October 2019 | 8 weeks     |
| 7    | Mr. Sundaravadivel G.    | NPTEL                   | Manufacturing of Composites                                 | August 2019 – October 2019 | 8 weeks     |
| 8    | Mr. G. Surendar          | NPTEL                   | Manufacturing of Composites                                 | August 2019 – October 2019 | 8 weeks     |

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• **Faculty Development Program Attended**

| S.NO | STAFF NAME & DESIGNATION | PROGRAM DETAILS             |                                  |             |
|------|--------------------------|-----------------------------|----------------------------------|-------------|
|      |                          | TITLE                       | DURATION                         | NO. OF DAYS |
| 9    | Mr. V. Manathunainathan  | Manufacturing of Composites | August 2019<br>–<br>October 2019 | 8 weeks     |
| 10   | Dr. S. Chockalingam      | Manufacturing of Composites | August 2019<br>–<br>October 2019 | 8 weeks     |
| 11   | Dr. V. Sivaramakrishnan  | Manufacturing of Composites | August 2019<br>–<br>October 2019 | 8 weeks     |
| 12   | Mr.S.Murugesh            | Manufacturing of Composites | August 2019<br>–<br>October 2019 | 8 weeks     |

• **Faculty Members doing Higher Studies**

| SL. NO. | NAME OF THE FACULTY       | DOMAIN              | UNIVERSITY               |
|---------|---------------------------|---------------------|--------------------------|
| 01      | Prof. R.Sundar            | Composite Materials | Anna University, Chennai |
| 02      | Prof. B.Manikandan        | Composite Materials | Anna University, Chennai |
| 03      | Prof. V.Manathunai Nathan | Composite Materials | Anna University, Chennai |
| 04      | Prof. G.Sundaravadivel    | Composite Materials | Anna University, Chennai |
| 05      | Prof. K.Senthil Nathan    | Composite Materials | Anna University, Chennai |
| 06      | Prof. A.Arun Kumar        | Robotics            | Anna University, Chennai |



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***Editorial Board:***

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- **Dr. G.GURUMOORTHY, Professor & Head.**

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- **Dr. J. JEEVAMALAR, Associate Professor / Mechanical**
- **Mr. PUGAZHENTI K, IV Mechanical**
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