


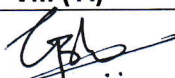

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|--|--|--------------------|
|  | <p style="text-align: center;">S J P N Trust's<br/>Hirasugar Institute of Technology, Nidasoshi.<br/><i>Inculcating Values, Promoting Prosperity</i><br/>Approved by AICTE, Recognized by Govt. of Karnataka, Affiliated to VTU Belagavi.<br/>Accredited at "A" Grade by NAAC and Recognized Under Section 2(f) of UGC Act, 1956</p> | Mech Dept.         |
|  |  | AIMSS              |
|  |  | Project Exhibition |
|  |  | 2018-19 (Even)     |


Date: 20-05-2019

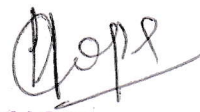
## NOTICE


All the final year students of Mechanical Engineering Department are hereby informed to attend the **"Project Exhibition 2018-19"** on **24<sup>th</sup> May 2019** at 09.00 AM. Hence all the final year students are informed to demonstrate their project with report in front of Jury members. Department is selecting the **"BEST PROJECTS "** in thermal, production and design streams with awarding cash prize **Rs. 500 /-** in each stream.

### Circular To:

| Semester      | VIII ( A )  | VIII (B)  |
|---------------|---|---|
| Faculty Sign. |  |  |

  
 AIMSS Coordinator  
 (Prof. M. M. Shivashimpi)

  
 HOD  
 Mechanical Engg.  
 HIT, Nidasoshi

|   |   |                       |
|---|---|-----------------------|
|  | <p style="text-align: center;">S J P N Trust's<br/>Hirasugar Institute of Technology, Nidasoshi.<br/><i>Inculcating Values, Promoting Prosperity</i><br/>Approved by AICTE, Recognized by Govt. of Karnataka, Affiliated to VTU Belagavi.<br/>Accredited at "A" Grade by NAAC and Recognized Under Section 2(f) of UGC Act, 1956.</p> | Mech. Engg.<br>Dept.  |
|   |   | AIMSS                 |
|   |   | Project<br>Exhibition |
|   |   | 2018-19 (EVEN)        |

Date: 23/05/2019

## Invitation Letter

To,

Mr. Sanjay Murari  
CAE Crash Analyst,  
Equilibrium Solutions Pvt. Ltd, Pune, Maharashtra.

Subject: Invitation for the jury member on **"Project Exhibition 2018-19"** –Reg.

Respected Sir,

We, on behalf of Mechanical Engineering Department, heartily invite you to take part as a jury member for **"Project Exhibition 2018-19"** on **24-05-2019 at 10.00 AM** for **Mechanical Engineering final year students**. We expect your valuable suggestions in this regard. I request your kind self to accept our invitation and motivate our students.

Thanking you,

  
With regards,

Dr. Basavaraj M Shrigiri  
Professor and H.O.D,  
Mechanical Engineering Department,  
Hirasugar Institute of Technology, Nidasoshi.  
Mobile: +919741483339

**Invite You as a Jury Member for Project Exhibition 2018-19**

1 message

HOD MECH <hod.mech@hsit.ac.in>  
To: murarisanjay70@gmail.com

Thu, May 23, 2019 at 11:37 AM

As per telephonic conversation with Prof. M.M. Shivashimpi, Assistant Professor in Mechanical Engineering Dept., HIT Nidasoshi.

I am glad to invite you as a Jury Member for Project Exhibition.

Please find attached the invitation letter.

Kindly acknowledge for the same.

--

With warm regards...

Dr. Basavaraj M Shrigiri

Professor and Head

Department of Mechanical Engineering

Hirasugar Institute of Technology

Nidasoshi, Tq: Hukkeri, Dist.:Belgaum

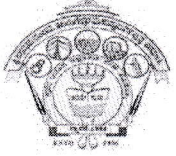
Karnataka

Contact No.: 09741483339



Sanjay.jpg  
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|   |   |   |
|---|---|---|
|  | <p style="text-align: center;">S J P N Trust's<br/> <b>Hirasugar Institute of Technology, Nidasoshi.</b><br/> <i>Inculcating Values, Promoting Prosperity</i><br/>         Approved by AICTE, Recognized by Govt. of Karnataka, Affiliated to VTU Belagavi.<br/>         Accredited at "A" Grade by NAAC and Recognized Under Section 2(f) of UGC Act, 1956</p> | <p style="text-align: center;"><b>Mech. Engg.<br/>Dept.</b></p> <p style="text-align: center;"><b>AIMSS</b></p> <p style="text-align: center;"><b>Project<br/>Exhibition</b></p> <p style="text-align: center;"><b>2018-19 (EVEN)</b></p> |
|---|---|---|

Date: 23/05/2019

## Invitation Letter

To,

Mr. Sugreev Tangade  
 Founder & CEO,  
 SMAT Enterprises, Hubli, Karnataka.

Subject: Invitation for the jury member on **"Project Exhibition 2018-19"** –Reg.

Respected Sir,

We, on behalf of Mechanical Engineering Department, heartily invite you to take part as a jury member for **"Project Exhibition 2018-19"** on **24-05-2019 at 10.00 AM** for **Mechanical Engineering final year students**. We expect your valuable suggestions in this regard. I request your kind self to accept our invitation and motivate our students.

Thanking you,



With regards,

Dr. Basavaraj M Shrigiri  
 Professor and H.O.D,  
 Mechanical Engineering Department,  
 Hirasugar Institute of Technology, Nidasoshi.  
 Mobile: +919741483339



**Invitation as a Jury Member for Project Exhibition 2018-19**

1 message

HOD MECH &lt;hod.mech@hsit.ac.in&gt;

Thu, May 23, 2019 at 11:32 AM

To: Sugreeva Tangade &lt;sugreeva0800@gmail.com&gt;

As per telephonic conversation with Prof. M.M. Shivashimpi, Assistant Professor in Mechanical Engineering Dept., HIT Nidasoshi.

I am glad to invite you as a Jury Member for Project Exhibition.

Please find attached the invitation letter.

Kindly acknowledge for the same.

--

With warm regards...

Dr. Basavaraj M Shrigiri

Professor and Head

Department of Mechanical Engineering

Hirasugar Institute of Technology

Nidasoshi, Tq: Hukkeri, Dist.:Belgaum

Karnataka

Contact No.: 09741483339

 Sugreev.pdf  
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**PROJECT DETAILS: 2018-19**

| Batch No | USN        | Student Name               | Guide                  | Project Title  |
|----------|------------|----------------------------|------------------------|--|
| 1        | 2HN15ME071 | RAHUL SANJAY WADED         | Dr. Basavaraj Shrigiri | Study on performance and emission characteristics of diesel engine fuelled with Honge Biodiesel                              |
|          | 2HN16ME412 | MANJUNATH KARIGANNAVAR     |                        |  |
|          | 2HN16ME420 | SANJAYAKANTH CHAVAN        |                        |  |
|          | 2HN14ME109 | UMESH RATHOD               |                        |  |
| 2        | 2HN15ME073 | RAVIKUMAR HOLI B           | Dr. S A Alur           | Cooling of solar photovoltaic cells by passive cooling system using PCM method   |
|          | 2HN15ME091 | SURAJKUMAR PATIL B         |                        |  |
|          | 2HN15ME104 | VINAYAK KULKARNI B         |                        |  |
|          |            |                            |                        |  |
| 3        | 2HN15ME093 | UDAY P TALAWAR             | Prof. D N Inamdar      | Character analysis of car model aerodynamic profile in wind tunnel   |
|          | 2HN15ME031 | KIRAN TALAWAR              |                        |  |
|          | 2HN16ME433 | VARDHMAN SAPTASAGAR        |                        |  |
|          | 2HN15ME007 | UMESH MADHANNAVAR          |                        |  |
| 4        | 2HN15ME009 | ANIKET BARGI               | Prof. Ravi Chitgopkar  | Analysis of wind turbine blade aerodynamic profile in wind tunnel  |
|          | 2HN15ME008 | ALAGOUDA PADDI             |                        |  |
|          | 2HN15ME018 | FARUK THARATHARI           |                        |  |
|          | 2HN15ME021 | GANESH HEGADE              |                        |  |
| 5        | 2HN16ME428 | SUPREET MARIYALI           | Prof. M M Shivashimpi  | Analysis and optimization of diesel engine component   |
|          | 2HN16ME424 | SHUBHAM CHAVAN             |                        |  |
|          | 2HN16ME402 | AKHILESH DEASAI            |                        |  |
|          | 2HN15ME026 | GURAV SUMIT SURESH         |                        |  |
| 6        | 2HN15ME090 | SUNIL PADANAD              | Prof. Jagad R...       | Experimental investigation of the effect of CR and oxygen compound on 4s single cylinder diesel engine operated on biodiesel |
|          | 2HN15ME088 | SOMEL PUJARI               |                        |  |
|          | 2HN15ME091 | BASANAGOUDA KALASANAGODIRA |                        |  |
|          | 2HN15ME431 | VARDHAN P. BHATH...        |                        |  |

I in  
~~Thermal~~  
Steam



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Mechanical

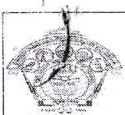
Project

Even (2018-19)

Titles

| Batch No | USN        | Student Name              | Guide               | Project Title  |
|----------|------------|---------------------------|---------------------|--|
| 7        | 2HN15ME077 | SAGAR B. DEVARAY          | Prof.K M Akkoli     | Analysis of aerodynamic profiles on wind tunnel  |
|          | 2HN15ME095 | UMESH ADARAGI             |                     |  |
|          | 2HN15ME107 | VINAYAK NAIK              |                     |  |
|          | 2HN16ME408 | CHANDRASHEKHAR DESAI      |                     |  |
| 8        | 2HN15ME028 | KENCHAPPA SAMPAGANV       | Prof.M A Hipparagi  | Advanced bike  |
|          | 2HN15ME035 | KRISHNA BANAGE            |                     |  |
|          | 2HN15ME072 | RAKESH VIRAKTAMATH        |                     |  |
|          | 2HN15ME106 | VINAYAK GIRENNAVAR        |                     |  |
| 9        | 2HN15ME039 | MAHESH HAMPIHOLI          | Prof.R V Nyamagoud  | Experimental investigation on effect of chemical composition on stability of the flame                           |
|          | 2HN16ME422 | SHIVANAND BORAGALLI       |                     |  |
|          | 2HN14ME007 | AKASH GHATGE              |                     |  |
|          | 2HN14ME095 | SHERI ASHOK               |                     |  |
| 10       | 2HN15ME022 | GANESH JADHAV             | Prof.R V Nyamagoud  | Experimental investigation on effect of flame structure on the flame transfer function in a premixed gas         |
|          | 2HN15ME003 | AJAY ALIAS AKSHAY B PATIL |                     |  |
|          | 2HN15ME069 | PRAVIN C.KOPPAD           |                     |  |
|          | 2HN15ME021 | GANESH KATAGERI           |                     |  |
| 11       | 2HN15ME044 | MANJUNATH SHIKKERI        | Prof.B M Dodamani   | effect of IOT, IT and EGR on the performance and emission characteristics of DI diesel engine operated with TOME |
|          | 2HN15ME050 | MILIND KAMBLE             |                     |  |
|          | 2HN15ME053 | NAGARAJ BADIGER           |                     |  |
|          |            |                           |                     |  |
| 12       | 2HN15ME056 | NAGARAJ DANDINAVAR        | Prof.B M Dodamani   | Effect of diesel additive, CR and EGR on the performance and emission of VCR engine operated with FOME           |
|          | 2HN15ME054 | NAGARAJ BARIMARAD         |                     |  |
|          | 2HN16ME406 | ANJANEY                   |                     |  |
|          |            |                           |                     |  |
| 13       | 2HN15ME033 | KRISHNA BABU KORE         | Prof.G V Chiniwalar | Conversion of plastic into a form of oil   |
|          | 2HN15ME060 | PARASHURAM HOSAMANI       |                     |  |
|          | 2HN15ME048 | MARUTI JOLLE              |                     |  |
|          | 2HN15ME058 | OM KAMBLE                 |                     |  |





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Mechanical

Project

Even (2018-19)

Titles

| Batch No | USN        | Student Name             | Guide                                    | Project Title   |
|----------|------------|--------------------------|--|---|
| 14       | 2HN16ME432 | VAIBHAV KUPPASAGAUDAR    | Prof.G V Chiniwalar                      | Experimental investigation of aluminium alloy through surface treatment |
|          | 2HN16ME403 | AKSHAY KORACHAGAON       |  |   |
|          | 2HN15ME051 | MOHAMMED T BAGBAN        |  |   |
|          | 2HN16ME436 | SUBHASH KRISHNA KUMBAR   |  |   |
| 15       | 2HN16ME414 | MUTTEPPA MELENNAR A      | Dr.S. C. Kamate &<br>Prof.Jagadeesh S. A | Design and fabrication of fitness equipment for power generation        |
|          | 2HN16ME429 | SURAJKUMAR NAGANURI A    |  |   |
|          | 2HN16ME423 | SHIVARANJAN BADIGER A    |  |   |
|          | 2HN16ME427 | SUDARSHAN HALEJOL A      |  |   |
| 16       | 2HN15ME102 | VINAYAK KUMBAR           | Prof.S N Topannavar                      | Solar lawn cutting with fertilizer spreyer                              |
|          | 2HN15ME040 | MALAKANAWAR PRADEEP      |  |   |
|          | 2HN15ME084 | SHANKAR SURESH SALAGARE  |  |   |
|          | 2HN15ME078 | SANDEEP DUNDAPPA HITNE   |  |   |
| 17       | 2HN15ME015 | BHAGHYASHREE KOCHARI     | Dr.R. M. Galagali                        | Development and analysis of two wheeler seat cover                      |
|          | 2HN16ME415 | DRIVA BEIGURGI           |  |   |
|          | 2HN15ME110 | VINITA KAPSI             |  |   |
|          | 2HN16ME411 | LAXMI HOSMANI            |  |   |
| 18       | 2HN15ME013 | BASAVARAJ LOKANNAVAR     | Prof.S A Goudadi                         | Multi degree of freedom robotic arm                                     |
|          | 2HN15ME017 | BHUVANESHWAR BOMMANNAVAR |  |   |
|          | 2HN16ME401 | AKASH MHETRI             |  |   |
|          |            |                          |  |   |

It is in design stream.



| Batch No | USN        | Student Name             | Guide                 | Project Title   |
|----------|------------|--------------------------|-----------------------|---|
| 19       | 2HN15ME008 | PRATIK RAJENDRA TAKALE   | Prof.A M Biradar      | Electric assisted air propelled bicycle   |
|          | 2HN15ME065 | PRASHANT NILAJ           |                       |   |
|          | 2HN15ME109 | VINAYKUMAR DODAMANI      |                       |   |
|          | 2HN15ME002 | ABHISHEK V NASHIPUDI     |                       |   |
| 20       | 2HN15ME005 | AKASH KAMBLE             | Prof.S B Awade        | Design and fabrication of chairless chair   |
|          | 2HN15ME108 | VINAYKUMAR BIRADAR PATIL |                       |   |
|          | 2HN15ME023 | GANESH KILLEDHAR         |                       |   |
|          | 2HN15ME016 | BHIMARAO RUDRAGAUDAR     |                       |   |
| 21       | 2HN15ME075 | SACHIN SHANKAR DESAI     | Prof.Mahantesh Tanodi | PCG using pedal power   |
|          | 2HN14ME015 | ANAND NERLI              |                       |   |
|          | 2HN15ME081 | SATISH SHANKAR TODAKAR   |                       |   |
|          | 2HN15ME063 | PRAMOD MAGADUM           |                       |   |
| 22       | 2HN15ME052 | MURALI NAMADEV MORE      | Prof.Mahantesh Tanodi | Design and development of seed collecting and bagging machine                         |
|          | 2HN15ME006 | AKASH RATHOD             |                       |   |
|          | 2HN15ME014 | BASAVARAJ VAJJARAMATTI   |                       |   |
|          | 2HN15ME101 | VIKAS KALLATTI           |                       |   |
| 23       | 2HN15ME074 | ROHIT KATTIKAR           | Prof.G A Naik         | Design and fabrication of water cooler cum air cooler and water heater cum air heater |
|          | 2HN16ME409 | DUGGI SARIJIRAO SHIVAJI  |                       |   |
|          | 2HN15ME105 | VINAYAK SURESH MADYAPGOL |                       |   |
|          | 2HN15ME034 | KRISHNA C MAGADUM        |                       |   |
| 24       | 2HN15ME032 | KRISHNA NAYKAR           | Prof.Mohan Futhane    | Versatile planting machine  |
|          | 2HN15ME061 | PRABHU KUMBAR            |                       |   |
|          | 2HN15ME087 | SHIVARAJ GHATAPANADI     |                       |   |
|          | 2HN16ME434 | VENKATESH BILAGI         |                       |   |

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Mechanical  
Project  
Even (2018-19)  
Titles

| Batch No | USN        | Student Name             | Guide                | Project Title  |
|----------|------------|--------------------------|----------------------|--|
| 25       | 2HN15ME08C | SARVESH GIRIRAJ HIREKODI | Prof.T S Vandali     | Electricity generation by footstep   |
|          | 2HN16ME430 | SUTAR DASTAGIR           |                      |  |
|          | 2HN15ME092 | UBEDULLA MAKANDAR        |                      |  |
|          | 2HN15ME083 | SHANKAR SIDRAM KERIMANI  |                      |  |
| 26       | 2HN16ME417 | ROHIT JAMBLE             | Prof.N M Ukali       | Electrically operated waste collecting machine from stagnant water   |
|          | 2HN16ME413 | MANOJ PATIL              |                      |  |
|          | 2HN14ME017 | BASAV PATIL              |                      |  |
|          | 2HN16ME419 | SANJAY KOKITAKAR         |                      |  |
| 27       | 2HN15ME042 | MALLIKARJUN AMMANAGI     | Prof.S R Kulkarni    | Fabrication of low cost high efficient composite using garment wastes for indoor and outdoor applications. |
|          | 2HN15ME037 | MAHANTESH ANGADI         |                      |  |
|          | 2HN15ME027 | KARTHIK CHIKKABAGEWADI   |                      |  |
|          | 2HN15ME030 | KIRAN MANGALWEDE         |                      |  |
| 28       | 2HN15ME025 | GOMATESH NARE            | Prof.K G Ambli       | Thermal behavior of groundnut shell based composites   |
|          | 2HN16ME407 | RHIMARAVGOIN SIRHACH     |                      |  |
|          | 2HN16ME404 | AMIT MESTRI              |                      |  |
|          | 2HN15ME036 | SOURABH P MAHAJAN        |                      |  |
| 29       | 2HN15ME004 | AKASH PATIL A            | Prof.M R Ingalagi    | Design and fabrication of composite tile maker multi functional machine by recycling plastic               |
|          | 2HN16ME416 | RAGHAVENDRA PASTE B      |                      |  |
|          | 2HN15ME062 | PRAJWAL G V B            |                      |  |
|          | 2HN14ME035 | KUMARRAMA H B            |                      |  |
| 30       | 2HN12ME107 | Tele Milind ramachandra  | Prof.M M Shivashimpi |  |
|          | 2HN14ME103 | Sourabh Handigund        |                      |  |
|          |            |                          |                      |  |
|          |            |                          |                      |  |

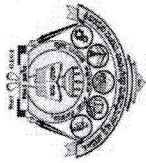
*Project Coordinator*

*AIMSS Co-ordinator  
(Prof. M. M. Shivashimpi)*

*HOD*  
**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**

*Job in  
Production  
Stream.*





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Hirasugar Institute of Technology, Nidasoshi.

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Mech Dept.

AIMS

Project Exhibition

2018-19 (Even)

## PROJECT EXHIBITION 2018-19

Stream: Thermal

Evaluation Sheet

Date: 24-05-2019

| Batch No | Relevance of the Project in the present context (10) | Originality (5) | Literature Survey (10) | Problem Formulation (10) | Experimental Observation / Theoretical modeling (10) | Results - Presentation & Discussion (20) | Conclusions and scope of future work (5) | Overall presentation of the report (25) | Outcome of the project (5) | Total 100 Marks | Remark |
|----------|--|-----------------|------------------------|--------------------------|--|--|--|---|----------------------------|-----------------|--------|
| 1        | 6  | 5               | 6                      | 8                        | 8  | 18                                       | 4  | 17                                      | 4                          | 76              |        |
| 2        | 6  | 4               | 7                      | 7                        | 8  | 18                                       | 5  | 21                                      | 5                          | 81              | 18/100 |
| 3        | 5  | 5               | 6                      | 7                        | 8  | 17                                       | 4  | 17                                      | 4                          | 73              |        |
| 4        | 5  | 5               | 7                      | 7                        | 7  | 17                                       | 4  | 17                                      | 4                          | 73              |        |
| 5        | 6  | 5               | 7                      | 7                        | 6  | 18                                       | 4  | 17                                      | 5                          | 74              |        |
| 6        | 6  | 4               | 6                      | 7                        | 8  | 18                                       | 4  | 17                                      | 5                          | 75              |        |
| 7        | 6  | 4               | 5                      | 6                        | 7  | 17                                       | 4  | 16                                      | 4                          | 69              |        |
| 8        | 6  | 4               | 6                      | 7                        | 9  | 17                                       | 5  | 18                                      | 4                          | 76              |        |
| 9        | 6  | 4               | 7                      | 7                        | 7  | 18                                       | 4  | 16                                      | 4                          | 73              |        |
| 10       | 6  | 4               | 6                      | 7                        | 8  | 17                                       | 4  | 17                                      | 4                          | 73              |        |
| 11       | 6  | 5               | 7                      | 7                        | 8  | 17                                       | 5  | 18                                      | 4                          | 77              | 77/100 |
| 12       | 6  | 5               | 7                      | 6                        | 7  | 17                                       | 5  | 18                                      | 5                          | 76              |        |
| 13       | 5  | 5               | 6                      | 7                        | 6  | 16                                       | 4  | 16                                      | 4                          | 70              |        |

### RESULT OF THE BEST PROJECT IN THERMAL STREAM:

| Title of the of the Project  | Project Associates  | Name of the Guide | Maximum Marks | Obtained Marks | Remark              |
|--|---|-------------------|---------------|----------------|---------------------|
| Cooling of Solar photo voltaic cells by passive cooling system using PCM Method. | 1. Ravi Kumar Holi<br>2. Sanku Kumar Patil<br>3. Vinayak Kulkarni<br>4. | Dr. S. A. Alur    | 100           | 81             | Best Project Award. |

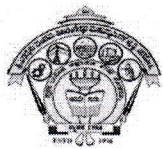
Name of Jury Member and Sign: 1.

Sugrueva, m. Temple

2.

Murari Sanjay Murari 24-05-19





## PROJECT EXHIBITION 2018- 19

### Evaluation Sheet

Stream: Production

Date: 24-05- 2019

| Batch No | Relevance of the Project in the present context (10) | Originality (5) | Literature Survey (10) | Problem Formulation (10) | Experimental Observation / Theoretical modeling (10) | Results - Presentation & Discussion (20) | Conclusions and scope of future work (5) | Overall presentation of the report (25) | Outcome of the project (5) | Total 100 Marks | Remark |
|----------|--|-----------------|------------------------|--------------------------|--|--|--|---|----------------------------|-----------------|--------|
| 22       | 5  | 3               | 6                      | 7                        | 6  | 18                                       | 5  | 21                                      | 4                          | 75              |        |
| 23       | 6  | 5               | 6                      | 8                        | 7  | 18                                       | 5  | 21                                      | 4                          | 80              |        |
| 24       | 5  | 4               | 5                      | 7                        | 7  | 16                                       | 4  | 21                                      | 4                          | 73              |        |
| 25       | 6  | 4               | 8                      | 8                        | 8  | 19                                       | 5  | 8                                       | 5                          | 71              |        |
| 26       | 5  | 5               | 6                      | 8                        | 7  | 20                                       | 4  | 21                                      | 3                          | 79              |        |
| 27       | 6  | 5               | 7                      | 8                        | 8  | 19                                       | 5  | 23                                      | 5                          | 86              | 86/100 |
| 28       | 6  | 4               | 8                      | 7                        | 8  | 17                                       | 4  | 21                                      | 5                          | 80              |        |
| 29       | 6  | 4               | 8                      | 8                        | 9  | 19                                       | 5  | 23                                      | 5                          | 87              | 87/100 |
| 30       | 5  | 4               | 7                      | 8                        | 9  | 15                                       | 5  | 17                                      | 5                          | 75              |        |
|          |  |                 |                        |                          |  |  |  |   |                            |                 |        |

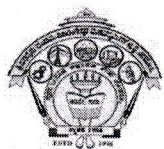
### RESULT OF THE BEST PROJECT IN PRODUCTION STREAM:

| Title of the Project  | Project Associates   | Name of the Guide   | Maximum Marks | Obtained Marks | Remark              |
|---|--|---------------------|---------------|----------------|---------------------|
| Design and fabrication of Composite tile maker multifunctional machine by recycling Plastic | 1. Akash Patil<br>2. Raghavendra Paste<br>3. Prajwal G.v.<br>4. Kumar Rama H | Prof. M.R. Ingalegi | 100           | 87             | Best Project Award. |

Name of Jury Member and Sign: 1.

Suryakant M. Tangade  
2. Durairaj Sanjay Murari  
24-05-19





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Mech Dept.

AIMSS

Project Exhibition

2018-19 (Even)

## PROJECT EXHIBITION 2018- 19

### Evaluation Sheet

Stream: Design

Date: 24-05-2019

| Batch No | Relevance of the Project in the present context (10) | Originality (5) | Literature Survey (10) | Problem Formulation (10) | Experimental Observation / Theoretical modeling (10) | Results - Presentation & Discussion (20) | Conclusions and scope of future work (5) | Overall presentation of the report (25) | Outcome of the project (5) | Total 100 Marks | Remark |
|----------|--|-----------------|------------------------|--------------------------|--|--|--|---|----------------------------|-----------------|--------|
| 14       | 08   | 04              | 09                     | 09                       | 08   | 18                                       | 04                                       | 24                                      | 04                         | 88              |        |
| 15       | 08   | 04              | 09                     | 09                       | 08   | 20                                       | 05                                       | 25                                      | 05                         | 93              | → I    |
| 16       | 08   | 04              | 09                     | 09                       | 08   | 18                                       | 04                                       | 23                                      | 05                         | 88              |        |
| 17       | 08   | 04              | 09                     | 09                       | 08   | 18                                       | 03                                       | 22                                      | 04                         | 85              |        |
| 18       | 08   | 04              | 09                     | 09                       | 08   | 19                                       | 04                                       | 24                                      | 05                         | 90              |        |
| 19       | 09   | 04              | 09                     | 09                       | 08   | 19                                       | 04                                       | 24                                      | 05                         | 91              |        |
| 20       | 08   | 04              | 08                     | 08                       | 08   | 18                                       | 05                                       | 24                                      | 05                         | 88              |        |
| 21       | 08   | 03              | 08                     | 08                       | 08   | 19                                       | 04                                       | 24                                      | 05                         | 87              |        |
|          |  |                 |                        |                          |  |  |  |   |                            |                 |        |

### RESULT OF THE BEST PROJECT IN DESIGN STREAM:

| Title of the of the Project                                      | Project Associates   | Name of the Guide                          | Maximum Marks | Obtained Marks | Remark              |
|--|--|--|---------------|----------------|---------------------|
| Design and fabrication of fitness equipment for power generation | 1. Mutteppa Mele Anavar<br>2. Suraj Kumar Nagamuri<br>3. Shivaranjan Badiger<br>4. Sudarshan Halejak | Dr. S. C. Kamate<br>Prof. Jaga Deesh B. A. | 100           | 93             | Best Project Award. |

Name of Jury Member and Sign: 1.

Suryanar. m. Torzade

2. Suraj [Sanjay Murari]

25/05/19

25-05-19



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**Prof. S. C. Kamate, Ph.D.**  
**Principal**

**Accredited at 'A' Grade by NAAC**

**Ref. : HIT/ND/ME/156/2019-20**

**Date : 24/05/2019**

To,  
Mr. Sanjay Murari  
CAE Crash Analyst,  
Equilibrium Solutions Pvt. Ltd, Pune, Maharashtra.

Respected sir,

We thank you profusely for accepting our invitation and participated as a Jury Member in Department Level Competition on **"Project Exhibition 2018-19"**, conducted by Mechanical Engineering Department of Hirasugar Institute of Technology, Nidasoshi on Friday the 24<sup>th</sup> May 2019, despite of your busy schedule and personal commitments. We appreciate your kind suggestions in this regard and the love and affection.

We further thank you for motivating our final year students during the Project Exhibition. Our students will definitely inculcate the suggestions you have shared with them.

With my best personal regards and thanks.

  
Principal





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**Principal**

**Accredited at 'A' Grade by NAAC**

**Ref. : HIT/NDIS/ME/155/2019-20**

**Date : 24/05/2019**


To,  
Mr. Sugreev Tangade  
Founder & CEO,  
SMAT Enterprises, Hubli, Karnataka.

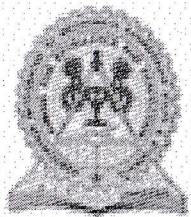
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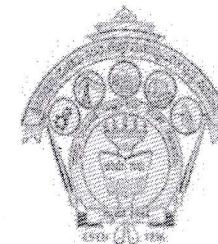
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Department Level Competition

On

# PROJECT EXHIBITION 2018- 19

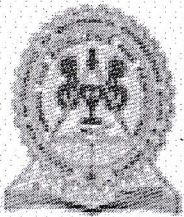
## Certificate of Appreciation

*This is to certify that **Mr. RAVIKUMAR HOLI** has participated in final year "Project Exhibition 2018- 19" and secured best project award for the project titled "**Cooling of Solar Photovoltaic Cell by Passive Cooling System using PCM Method**" under Thermal stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

Prof. M. M. Shivashimpi  
AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri  
HOD



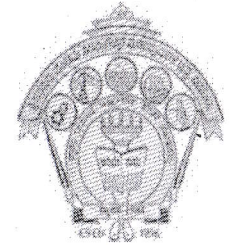


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Department Level Competition

On

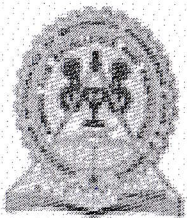
# **PROJECT EXHIBITION 2018- 19**

## **Certificate of Appreciation**

*This is to certify that **Mr. SURAJKUMAR PATIL** has participated in final year "Project Exhibition 2018-19" and secured best project award for the project titled "**Cooling of Solar Photovoltaic Cell by Passive Cooling System using PCM Method**" under Thermal stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

**Prof. M.M. Shivashimpi**  
AIMSS Coordinator

**Dr. Basavaraj . M. Shrigiri**  
HOD

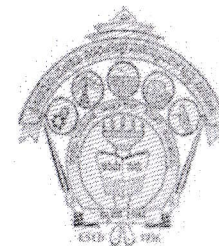


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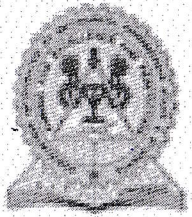
# PROJECT EXHIBITION 2018- 19

## Certificate of Appreciation

*This is to certify that **Mr. VINAYAK KULKARNI** has participated in final year "Project Exhibition 2018- 19" and secured best project award for the project titled "**Cooling of Solar Photovoltaic Cell by Passive Cooling System using PCM Method**" under Thermal stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

Prof. M. M. Shivashimpi  
AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri  
HOD

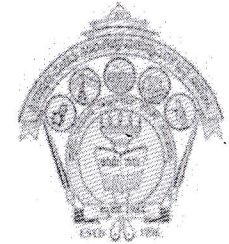


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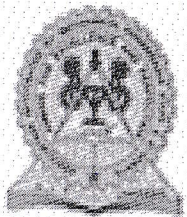
## Certificate of Appreciation

*This is to certify that **Mr. AKASH PATIL** has participated in final year "Project Exhibition 2018- 19" and secured best project award for the project titled "Design and Fabrication of Composite Tiles Maker Multi Functional Machine by Recycling Plastic" under Production stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

Prof. M. M. Shivashimpi  
AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri  
HOD



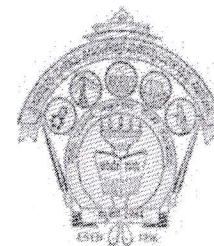


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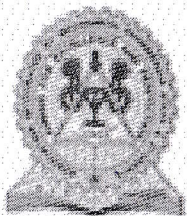
## Certificate of Appreciation

*This is to certify that **Mr. RAGHAVENDRA PASTE** has participated in final year "Project Exhibition 2018-19" and secured best project award for the project titled "**Design and Fabrication of Composite Tiles Maker Multi Functional Machine by Recycling Plastic**" under Production stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

Prof. M. M. Shivashimpi  
AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri  
HOD



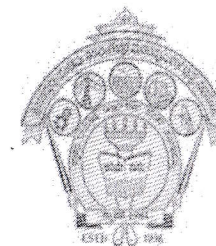


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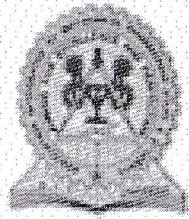
# PROJECT EXHIBITION 2018- 19

## Certificate of Appreciation

*This is to certify that **Mr. PRAJWAL G. V.** has participated in final year "Project Exhibition 2018- 19" and secured best project award for the project titled "**Design and Fabrication of Composite Tiles Maker Multi Functional Machine by Recycling Plastic**" under Production stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

Prof. M. M. Shivashimpi  
AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri  
HOD

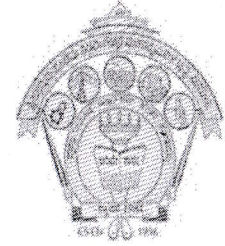


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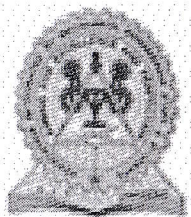
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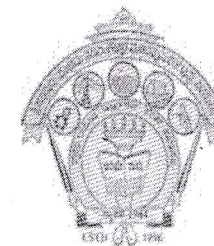
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## Certificate of Appreciation

*This is to certify that **Mr. MUTTEPPA MELENNAVAR** has participated in final year "Project Exhibition 2018- 19" and secured best project award for the project titled "Design and Fabrication of Fitness Equipment for Power Generation" under Design stream organized by Association of Integrated Mechanical Staff and Students (AIMSS) of Mechanical Engineering Department on 24<sup>th</sup> May, 2019.*

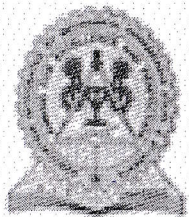
Prof. M. M. Shivashimpi

AIMSS Coordinator

Dr. Basavaraj . M. Shrigiri

HOD



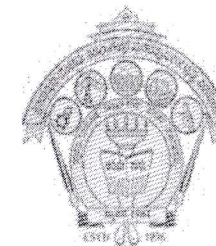


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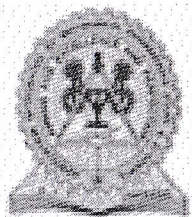
# PROJECT EXHIBITION 2018- 19

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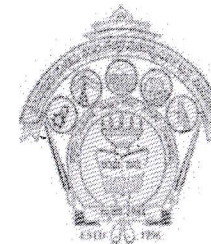
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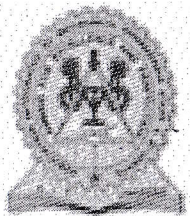
Prof. M. M. Shivashimpi

AIMSS Coordinator

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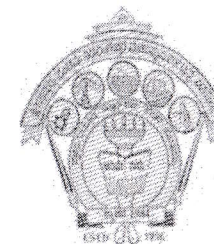


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HOD