

# Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka, Affiliated to VTU Belagavi Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) of UGC Act,1956 Mech. Engg. Dept. Academics Academic Audit

AY:2022-23 (EVEN)



### Academic Audit Report: AY 2022-23 (Even Semester)

|                  | 1.  | Dr. S. C. Kamate, Principal HSIT Nidasoshi  |  |  |  |
|------------------|-----|---|--|--|--|
|                  | 2.  | Mr. N.B.Rajeev Rao, Managing Director, Rajeev and Rao Company, Belagavi   |  |  |  |
|                  | 3.  | Dr. C. V. Adake, Professor & Head Mech. Engg. Dept. KLEMS Sheshgiri College of Engineering and Technology, Belagavi |  |  |  |
|                  | 4.  | Dr. S. N. Topanpayar, Professor & Head MED, HSIT Nidasoshi  |  |  |  |
| Name of Academic | 5.  | Dr. Veeranna. D. K. Regional Secretary IEI Belagavi & Director of IEMS B- School, Hubballi                          |  |  |  |
| Audit Experts    | 6.  | Dr. K. M. Akkoli, Associate Professor, HSIT Nidasoshi   |  |  |  |
| Addit Experts    | 7.  | Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi   |  |  |  |
|                  | 8.  | Dr. K. B. Manawade, Professor & Head, CSE, HSIT Nidasoshi   |  |  |  |
|                  | 9.  | Dr. M. M. Shiyashimpi, Associate Professor, HSIT Nidasoshi  |  |  |  |
| ŀ                | 10. | Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi   |  |  |  |

Date: 19/01/2024

| Criterion    | Items                                  | Verification<br>(Yes / No) | Observation/Comment                   | Suggestions for improvement |
|--------------|--|----------------------------|---------------------------------------|-----------------------------|
|              | Course Plan and Coverage               | yes                        | Satisfactory                          |                             |
|              | Teaching methods & Teaching aids       | yes                        | satisfactory                          |                             |
|              | Attendance records, classes engaged    | Yes                        | Attendance recorded & well maintained | 2                           |
| Curriculum   | Feedback from students and steps taken | Yes                        | Satisfactory                          |                             |
| and Delivery | Quality of IA QP /Assignment           | yes                        | Satisfactory                          | 200 m                       |



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Mech. Engg. Dept. Academics Academic Audit

AY:2022-23 (EVEN)



|                 | Parents meeting-students' progress  | yes |  | Can be conducted once in a semester                               |
|-----------------|---|-----|--|---|
|                 | Continuous assessment of Internal for theory /<br>Practical / Project / Seminar | yes | Adaquate records<br>maintained                         |   |
|                 | SEE Exam results analysis and Counselling                                       | Yes | The odd semester results are  IV VI VIII  56% 62% 100% |   |
|                 | Attainment Level of COs POs and PSOs  | Yes | Records available                                      |   |
|                 | Gap Identification & Mitigation   | Yes | Satisfactory   |   |
|                 | Projects completed / ongoing  | Yes | Records available & well<br>organised                  | i   |
|                 | Seminars / conferences attended   | Yes | Satisfactory   | Sponsorship shall be availabe<br>for students                     |
|                 | Papers / articles / books published   | Yes | Satisfactory   | Encouraged to publish high impact southals and using modern tools |
|                 | FDP / Training Program / Workshop attended.                                     | Yes | Satisfactory   | Aug.  |
| Faculty Profile | Preparation of E- learning content  | Yes | Satisfactory   |   |
| raculty Frome   | Acted as resource persons   | Yes | Satisfactory   |   |
|                 | Progress in higher studies  | Xes | Satisfactory<br>Adaquate                               |   |



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Mech. Engg. Dept. Academics Academic Audit

AY:2022-23 (EVEN) Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) of UGC Act,1956

|                     | Students involvement in extra-curricular & Co curricular activities   | Yes | Sansfactory                         | *        |
|---------------------|---|-----|-------------------------------------|----------|
| Students<br>Profile | Study tour / industrial visits /exhibitions /<br>Internship /Training | Yes | Satisfactory                        | 20       |
|                     | Achievements and Academic performance                                 | Yes | Adagnate                            |          |
|                     | No. of class rooms  | Yes | Satisfactory                        |          |
| ^                   | No. of laboratories   | Yes | Satisfactory                        |          |
|                     | No. of computers – for Faculties                                      | Yes | Adagnate                            | t        |
| Infrastructure      | Computer- Students ratio  | Yes | Adaquate                            |          |
|                     | No. of Computers – research scholars                                  | yes | Satisfactory                        | - Prince |
| 1 *                 | Quality of Equipments   | Yes | Satisfactory &<br>Records available |          |
|                     | Department Library  | Yes | Satisfactory                        |          |





Inculcating Values, Promoting Prosperity

Academics
Academic Audit

AY:2022-23 (EVEN)

Mech. Engq. Dept.



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Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) of UGC Act,1956

|                   | MoU Activities   | Yes | Adagnate                 | *   |
|-------------------|--|-----|--------------------------|---|
|                   | Consultancy/Collaborations   | _   |                          | Faculty-should be encowaged to compout consultancy work |
|                   | Guest lecturers arranged   | yes | Satisfactory             |   |
| Activities of     | Conference / Seminar / Workshop conducted                              | Yes | Satisfactory and records | *   |
| the<br>Department | Extension Activity   | Yes | Satisfactory             |   |
|                   | Interaction with Industry / Research Centres /Educational Institutions | yes | Satisfactory             |   |
|                   | Newsletters / Magazine   | Yes | Satisfactory             | 1   |
|                   | Placements   | yes | Adaquate                 | Shall be improved                                       |

Signature of the Academic Audit Experts:

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2.

DEEN N.B S.

(Dr. C. V. Adaka)

8. Dr. K. B. Manioack

4. 00 19/194.

5. 19/01/2

9. Might 24

[Dr. M. M. Shivashimpi]

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Dr. S. PRINGHEAL.
Hirasugar Institute of Technology

NIDASOSHI-591236

HOD Mechanical Engg. HIT. Nidasoshi

Dr. S. N. Topannavar

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India. Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in



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Mech. Engg. Dept.
Academics
Academic Audit

AY:2022-23 (ODD)



Academic Audit Report: AY 2022-23 (Odd Semester)

| Department: Mechanic | al Engi | neering   |
|----------------------|---------|---|
|                      | 1.      | Dr. S. C. Kamate, Principal HSIT Nidasoshi  |
|                      | 2.      | Mr. N.B.Rajeev Rao, Managing Director, Rajeev and Rao Company, Belagavi   |
|                      | 3.      | Dr. C. V. Adake, Professor & Head Mech. Engg. Dept. KLEMS Sheshgiri College of Engineering and Technology, Palagovi |
|                      | 4.      | Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi  |
| Name of Academic     | 5.      | Dr. Veeranna. D. K. Regional Secretary IEI Belagavi & Director of IEMS B- School, Hubballi                          |
| Audit Experts        | 6.      | Dr. K. M. Akkoli, Associate Professor, HSIT Nidasoshi   |
|                      | 7.      | Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi   |
|                      | 8.      | Dr. K. B. Manawade, Professor & Head, CSE, HSIT Nidasoshi   |
|                      | 9.      | Dr. M. M. Shivashimpi, Associate Professor, HSIT Nidasoshi  |
|                      | 10.     | Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi   |
| Date: 19/01/2024     |         |   |

| Criterion                  | Items                                  | Verification<br>(Yes / No) | Observation/Comment                     | Suggestions for improvement |
|----------------------------|--|----------------------------|---|-----------------------------|
|                            | Course Plan and Coverage               | Yes                        | Satisfactory                            |                             |
|                            | Teaching methods & Teaching aids       | Yes                        | Satisfactory                            |                             |
|                            | Attendance records, classes engaged    | yes                        | Attendance recorded and well maintained | Per                         |
| Curriculum<br>and Delivery | Feedback from students and steps taken | yes                        | Satisfactory                            | **                          |
| •                          | Quality of IA QP /Assignment           | Yes                        | Satisfactory                            | , <i>ë</i> .                |



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Mech. Engg. Dept.
Academics
Academic Audit

NIDASOSHI. Plu-591236

AY:2022-23 (ODD)

|                 | Parents meeting-students' progress  | yes |  | Kan be conducted once in a semester,                                    |
|-----------------|---|-----|--|---|
|                 | Continuous assessment of Internal for theory /<br>Practical / Project / Seminar | Yes | Adaquate records<br>Maintained                                       |   |
|                 | SEE Exam results analysis and Counselling                                       | Yes | III         V         VII           17.77%         71.4%         68% |   |
|                 | Attainment Level of COs POs and PSOs  | Yes | Records available  |   |
| -               | Gap Identification & Mitigation   | yes | Satisfactory   |   |
|                 | Projects completed / ongoing  | Yes | Records avantable & well organised                                   |   |
|                 | Seminars / conferences attended   | yes | Satisfactory   | Sponsorship shall be available for students                             |
|                 | Papers / articles / books published   | yes | Satisfactory   | Faculty shall be encowaged to<br>publish high impact journals a my wing |
|                 | FDP / Training Program / Workshop attended.                                     | Yes | Satisfactory   | Modern tools  |
| Faculty Profile | Preparation of E- learning content  | Yes | Satisfactory   |   |
| raculty 110me   | Acted as resource persons   | Yes | Sahistactory   |   |
|                 | Progress in higher studies  | yes | Adaquate   |   |

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Academic Audit

AY:2022-23 (ODD)

|                     | Students involvement in extra-curricular & Co curricular activities   | Yes | Satisfactory                      |     |
|---------------------|---|-----|-----------------------------------|-----|
| Students<br>Profile | Study tour / industrial visits /exhibitions /<br>Internship /Training | Yes | Satisfactory                      | 20  |
|                     | Achievements and Academic performance                                 | Yes | Adagnate                          |     |
|                     | No. of class rooms  | Yes | Satisfactory                      |     |
|                     | No. of laboratories   | Yes | Satisfactory                      |     |
|                     | No. of computers – for Faculties                                      | Yes | Satisfactory                      | t . |
| Infrastructure      | Computer- Students ratio  | yes | Adagnate                          |     |
|                     | No. of Computers – research scholars                                  | Yes | Satisfactory                      |     |
|                     | Quality of Equipments   | Yes | Satisfactory<br>Records available |     |
|                     | Department Library  | Yes | Satisfactory                      |     |



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Academic Audit

AY:2022-23 (ODD)

Mech. Engg. Dept.

Academics



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| MoU Activities   | yes  | Adagnate   |  |
|--|--|--|--|
| Consultancy/Collaborations   | _  | _  | Facority should be encouraged to carryout consultancy work.  |
| Guest lecturers arranged   | yes  | Satisfactory   |  |
| Conference / Seminar /Workshop conducted                               | yes  | Satisfactory and accords<br>available  |  |
| Extension Activity   | yes  | a Satisfactory   |  |
| Interaction with Industry / Research Centres /Educational Institutions | Yes  | Satisfactory   |  |
| Newsletters / Magazine   | Yes  | Satisfactory   |  |
| Placements   | yes  | Adaquate   | Shall be improved  |
|  | Consultancy/Collaborations  Guest lecturers arranged  Conference / Seminar /Workshop conducted  Extension Activity  Interaction with Industry / Research Centres /Educational Institutions  Newsletters / Magazine | Consultancy/Collaborations  Guest lecturers arranged  Yes  Conference / Seminar / Workshop conducted  Extension Activity  Yes  Interaction with Industry / Research Centres /Educational Institutions  Newsletters / Magazine  Yes | Consultancy/Collaborations  Guest lecturers arranged  Yes  Satisfactory  Conference / Seminar / Workshop conducted  Extension Activity  Yes  Satisfactory and records  Available  Extension with Industry / Research Centres /Educational Institutions  Yes  Satisfactory  Newsletters / Magazine  Yes  Satisfactory |

Hirasugar Institute of Technology NIDASOSHI-591236

Dr. S. N. Topannavar

HOD

Mechanical Engg. HIT, Nidasoshi

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Mech. Engg. Dept.

Academics

Academic Audit

AY:2021-22 (EVEN)



### Academic Audit Report: AY 2021-22 (EVEN)

|                                | 1.  | Dr. S. C. Kamate, Principal HSIT Nidasoshi   |
|--------------------------------|-----|--|
|                                | 2.  | Prof. Ravi Hosamani, Chair Elect 2023, IEEE North Karnataka Section & Member IEEE Bangalore Section 2023 |
|                                | 3.  | Dr. P. P. Revankar, Professor School of Mechanical Engg. KLE Technological University, Hubli             |
|                                | 4.  | Dr. K. B. Manawade, Associate Professor, CSE, HSIT Nidasoshi   |
| Name of Academic Audit Experts | 5.  | Er. Santosh S. Thabaj, Manager (Engineering) Aequs Aerospace, SEZ Hattaragi and Alumnus 2009 Batch       |
| Name of Academic Addit Experts | 6.  | Dr. K. M. Akkoli, Associate Professor, HSIT Nidasoshi  |
|                                | 7.  | Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi  |
| ž.                             | 8.  | Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi  |
| W A                            | 9.  | Dr. M. M. Shivashimpi, Associate Professor, HSIT Nidasoshi   |
| Date: 28/02/2023               | 10. | Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi   |

| Criterion               | Items                                  | Verification<br>(Yes / No) | Observation/Comment           | Suggestions for improvement |
|-------------------------|--|----------------------------|-------------------------------|-----------------------------|
| Curriculum and Delivery | Course Plan and Coverage               | Yes                        | Sadisfactory                  |                             |
| and Denvery             | Teaching methods & Teaching aids       | Yes                        | Adequate & Suitable           |                             |
|                         | Attendance records, classes engaged    | Yes                        | Satisfactory                  |                             |
| ×                       | Feedback from students and steps taken | Yes                        | conducted online<br>feedbacks |                             |
|                         | Quality of IA QP /Assignment           | Yes                        | Sectisfactory                 |                             |



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Mech. Engg. Dept.

Academics

Academic Audit

AY:2021-22 (EVEN)



|                 | Parents meeting-students' progress  | Yes  | ane conducted  |
|-----------------|---|------|--|
|                 | Continuous assessment of Internal for theory /<br>Practical / Project / Seminar | Yes  | Socisfactory   |
|                 | SEE Exam results analysis and Counselling                                       | Yes  | The odd semester results are  IV VI VIII and VI Sen results  50 48 100       |
|                 | Attainment Level of COs, POs and PSOs   | Yes  | Attainment levels<br>are availables  |
| *               | Gap Identification & Mitigation   | Yes  | Done by the faceuty<br>members for new schone<br>projects are orgains        |
| Faculty Profile | Projects completed / ongoing  | Yes  | projects are orgains   |
|                 | Seminars / conferences attended   | Yes  | Attended by all the suggested to conduct inthe<br>state numbers conferences  |
|                 | Papers / articles / books published   | Yes  | Few publications<br>by staffmenties  |
|                 | FDP / Training Program / Workshop attended.                                     | Yes  | Few publications<br>by staffmenties<br>Regularly attending<br>by all faculty |
| 9               | Preparation of E- learning content  | Yes  | Satisfactory   |
|                 | Acted as resource persons   | Yes  | Satisfactory  Good no of participation  Satisfactory                         |
|                 | Progress in higher studies  | yes. | Satisfactory   |

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#### S J P N Trust's

### Hirasugar Institute of Technology, Nidasoshi.

Academics
Academic Audit

Inculcating Values, Promoting Prosperity
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AY:2021-22 (EVEN)

Mech. Engg. Dept.

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| Profile        | Students involvement in extra-curricular & Co curricular activities   | Yes  | Satisfactor   |
|----------------|---|------|---|
|                | Study tour / industrial visits /exhibitions /<br>Internship /Training | Yes  | All these activities<br>participated by<br>students |
|                | Achievements and Academic performance                                 | Y-26 | Sadisfactory  |
| Infrastructure | No. of class rooms  | Yes  | Satisfactory  |
|                | No. of laboratories   | Yes  | Adequate  |
| ]              | No. of computers – for Faculties                                      | Yes  | Adequate  |
|                | Computer- Students ratio  | Yes  | Adequate  Adequate  Adequate                        |
|                | No. of Computers – research scholars                                  | Yes  | Adequate  |
|                | Quality of Equipments   | Yes  | Good<br>Sufficient                                  |
| ]              | Department Library  | Yes  | Sufficient  |



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Mech. Engg. Dept.

Academics Academic Audit

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Activities of the Department

| MoU Activities   | Yes | Satisfactory                    |
|--|-----|---------------------------------|
| Consultancy/Collaborations   | Yes | To be improved                  |
| Guest lecturers arranged   | Yes | Good numbered                   |
| Conference / Seminar / Workshop conducted                              | Yes | Sufficient numbers              |
| Extension Activity   | Yes | Sufficient                      |
| Interaction with Industry / Research Centres /Educational Institutions | Yes | To be improved                  |
| Newsletters / Magazine   | Yes | Regulasty published             |
| Placements   | Yes | Few placed rueds to be improved |

Signature of the Academic Audit Experts:

Dr. S. N. Topannavar HOD

Mechanical Engg. HIT, Nidasoshi

Institut

Hirasugar Institute of Technology NIDASOSHI-591236

6, Taq: Hukkeri, Dist: Belagavi, Karnataka, India. 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in



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Mech. Engg. Dept. Academics Academic Audit

AY:2021-22 (ODD)



### Academic Audit Report: AY 2021-22 (ODD)

|                                | 1.  | Dr. S. C. Kamate, Principal HSIT Nidasoshi   |
|--------------------------------|-----|--|
|                                | 2.  | Prof. Ravi Hosamani, Chair Elect 2023, IEEE North Karnataka Section & Member IEEE Bangalore Section 2023 |
|                                | 3.  | Dr. P. P. Revankar, Professor School of Mechanical Engg. KLE Technological University, Hubli             |
|                                | 4.  | Dr. K. B. Manawade, Associate Professor, CSE, HSIT Nidasoshi   |
| Name of Academic Audit Experts | 5.  | Er. Santosh S. Thabaj, Manager (Engineering) Aequs Aerospace, SEZ Hattaragi and Alumnus 2009 Batch       |
| Name of Academic Addit Experts | 6.  | Dr. K. M. Akkoli, Associate Professor, HSIT Nidasoshi  |
|                                | 7.  | Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi  |
| ž.                             | 8.  | Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi  |
|                                | 9.  | Dr. M. M. Shivashimpi, Associate Professor, HSIT Nidasoshi   |
|                                | 10. | Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi   |

| Criterion                  | Items                                  | Verification<br>(Yes / No) | Observation/Comment                  | Suggestions for improvement |
|----------------------------|--|----------------------------|--------------------------------------|-----------------------------|
| Curriculum<br>and Delivery | Course Plan and Coverage               | Yes                        | Dell mentained                       |                             |
| and Denvery                | Teaching methods & Teaching aids       | Yes                        | well mentained and adequate          |                             |
| -                          | Attendance records, classes engaged    | Yes                        | Satisfactory                         |                             |
| *                          | Feedback from students and steps taken | Yes                        | Feedback taken<br>twill in asemester |                             |
|                            | Quality of IA QP /Assignment           | Yes                        | Satisfactory                         | , _5                        |



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Mech. Engg. Dept.

Academics

Academic Audit

AY:2021-22 (ODD)



|                 | Parents meeting-students' progress  | Yes | Connectling is done<br>of records meantained<br>Satisfactory                       |
|-----------------|---|-----|--|
|                 | Continuous assessment of Internal for theory /<br>Practical / Project / Seminar | Yes | Satisfactory   |
|                 | SEE Exam results analysis and Counselling                                       | Yes | The odd semester results are  III V VII  55% 48% 84.31/ III and V sem results      |
|                 | Attainment Level of COs, POs and PSOs   | Yes | Sadisfactor and or cords or cords or anintained                                    |
|                 | Gap Identification & Mitigation   | Yes | Gaps identified of<br>records maintained   |
| Faculty Profile | Projects completed / ongoing  | Yes | projects are completed documents available   |
|                 | Seminars / conferences attended   | Yes | Conducted Seminary Suggested to conduct uni.<br>& Conferences attended Conferences |
|                 | Papers / articles / books published   | Yes | papers are published in reputed journals   |
| æ               | FDP / Training Program / Workshop attended.                                     | Yes | All faculty members<br>are attended  |
| *               | Preparation of E- learning content  | Yes | Satisfactory   |
|                 | Acted as resource persons   | Yes | Satisfactory Good number of participation  |



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AY:2021-22 (ODD)

Mech. Engg. Dept.

Academics



|                     |   |     |  | 37:Belgaur |
|---------------------|---|-----|--|------------|
|                     | Progress in higher studies  | Yes | Satisfactory   |            |
| Students<br>Profile | Students involvement in extra-curricular & Co curricular activities   | Yes | participated and<br>Sodisfactory   |            |
|                     | Study tour / industrial visits /exhibitions /<br>Internship /Training | Yes | Satisfactory  Participated and  Satisfactory  All Students are  adirely participated  Few achievements |            |
|                     | Achievements and Academic performance                                 | Yes | Few achievements   |            |
| Infrastructure      | No. of class rooms  | Yes | Good   |            |
|                     | No. of laboratories   | Yes | Well equipped  |            |
|                     | No. of computers – for Faculties                                      | Yes | Adequade   | £          |
|                     | Computer- Students ratio  | Yes | Adequate Adequate  |            |
|                     | No. of Computers – research scholars                                  | Yes | Good numbers   |            |
|                     | Quality of Equipments   | Yes | Available  |            |



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Mech. Engg. Dept. Academics Academic Audit

AY:2021-22 (ODD)

|                                    | Department Library   | Yes | Sufficient  |
|------------------------------------|--|-----|---|
| Activities of<br>the<br>Department | MoU Activities   | Yes | functional movs<br>are available                      |
| Department.                        | Consultancy/Collaborations   | Yes | Fer available   |
|                                    | Guest lecturers arranged   | Yes | Arranged infer numbers                                |
|                                    | Conference / Seminar / Workshop conducted                              | Yes | more no. of Seminary<br>are Conducted                 |
|                                    | Extension Activity   | Yes | Conducted   |
|                                    | Interaction with Industry / Research Centres /Educational Institutions | Yes | enteractions are done                                 |
|                                    | Newsletters / Magazine   | Yes | Satisfactory  |
|                                    | Placements   | Yes | Satisfactory  Few no of placement Needs to be improve |

Signature of the Academic Audit Experts:

Mechanical Engo. HIT, Nidasoshi

Nidasoshi-591 236, Taq: Hukkeri, Phone: +91-8333-278887, Fax: 278886, Web: W ataka, India. -nail: principal@hsit.ac.in

Hirasugar Institute of Technology



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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (EVEN)

### Academic Audit Report: AY 2020-21 (EVEN)

| Department: Mechanical Engineering |   |
|------------------------------------|---|
|                                    | 1. Dr. N. R. Banapurmath, Professor & Head, Centre for Materials Studies, KLE Technological University, Hubli |
|                                    | 2. Dr. P. P. Revankar, Professor & PG Coordinator, KLE Technological University, Hubli                        |
| Name of Academic Audit Experts     | 3. Dr. K. B. Manawade, Associate Professor, CSE, HSIT Nidasoshi   |
|                                    | 4. Dr. K. M. Akkoli, 1st Year Coordinator & Associate Professor, HSIT Nidasoshi                               |
|                                    | 5. Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi  |
|                                    | 6. Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi  |
|                                    | 7. Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi   |
| Date: 13.11.2021                   |   |

| Criterion               | Items   | Verification<br>(Yes / No) | Observation/Comment                   | Suggestions for improvement |
|-------------------------|---|----------------------------|---------------------------------------|-----------------------------|
|                         | Course Plan and Coverage  | Yes                        | Satisfactory                          |                             |
|                         | Teaching methods & Teaching aids  | Yes                        | Adequate and suitable                 |                             |
| 10                      | Attendance records, classes engaged   | Yes                        | Satisfactory on line intractions      | 1                           |
|                         | Feedback from students and steps taken  | Yes                        | Online keedback taken                 |                             |
| Curriculum and Delivery | Quality of IA QP /Assignments   | Yes                        | Online feedback taken<br>Satisfactory |                             |
| 8                       | Parents meeting-students' progress  | Yes                        | Grievence resolved by online          |                             |
| à                       | Continuous assessment of Internal for<br>theory / Practical / Project / Seminar | Tes                        | Schisfactory                          |                             |
| ja -                    | SEE Exam results analysis and Counselling                                       | Tes                        | The Even semester results are         | ***                         |
|                         |   |                            | IV VI VIII<br>100 100 91.5            | Excellent                   |

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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (EVEN)

|                  | Attainment Level of COs<br>POs and PSOs                                 | Yes  | Satisfactory                   |          | 7                  |
|------------------|---|------|--------------------------------|----------|--------------------|
|                  | Gap Identification & Mitigation   | yes  | Identified due to pandamic few |          |                    |
| *0               | Projects completed / ongoing  | Yes  | Project is in progress         |          |                    |
|                  | Seminars / conferences attended   | 7.28 |                                | ,        |                    |
|                  | Papers / articles / books published                                     | yes  | few articals Ridmmuniatated    | Publicat | Ton needs moproven |
| * 9              | FDP / Training Program / Workshop attended.                             | 728  | online pastilipation.          |          | ,                  |
| Faculty Profile  | Preparation of E- learning content                                      | yes  |                                |          |                    |
|                  | Acted as resource persons   | ves  | Satisfactory<br>Few Numbers    | needs    | laprovened         |
|                  | Progress in higher studies  | Tes  | Satisfactory                   | ā        | _                  |
|                  | Students involvement in extra-<br>curricular & Co curricular activities | Tes  | online participation           | -        | 76-10-25           |
| Students Profile | Study tour / industrial visits<br>/exhibitions / Internship /Training   | Yes  | Orlline mode                   |          |                    |
| Students 1 Tome  | Achievements and Academic performance                                   | Yes  | Excellent                      |          | 77 ×               |
|                  | No. of class rooms  | Yes  | 9000                           |          |                    |
| Infrastructure   | No. of laboratories   | Yes  | well equipped                  |          |                    |
| init astructure  | No. of computers – for Faculties  | Yes  | Adequate                       |          |                    |
|                  | Computer- Students ratio  | Tes  | Adequate                       |          |                    |
|                  | No. of Computers – research scholars                                    | yes  | Sufficient                     |          |                    |
|                  | Quality of Equipments   | Tes  | 9000                           |          |                    |

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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (EVEN)

|                   | Department Library  | yes | Sufficient                                      |   |
|-------------------|---|-----|---|---|
|                   | MoU Activities  | yes | Previous MOU's continued                        |   |
| 55                | Consultancy/Collaborations  |     | Due to panderoic limited activities conducted   |   |
| •                 | Guest lecturers arranged  | 3   | Due to Rendernic limited activities - conducted | Weeds to conduct more number                      |
| 145               | Conference / Seminar /Workshop conducted                                  |     | Due to pondernic limited activities -conducted  | Needs to conduct more number of online activities |
| Activities of the | Extension Activity  |     | Due to pandemic comited activities - unducted   | Heeds to conduct more number of online activities |
| Department        | Interaction with Industry / Research<br>Centres /Educational Institutions |     | Due to pandemic limited activities  —conducted  | of online activities.                             |
|                   | Newsletters / Magazine  | res | Regularly published                             |   |
|                   | Placements  | Yes | Need to moprove                                 |   |

Signature of the Academic Audit Experts:

(N.R. barapurnath)

Mechanical Engg. HIT Nidasoshi

2. Pho 13.11.2021, 3. Fallizozi S. Janil2021 5. Sallizozi 6. Selli 13/11/21 Pr. K.B. Manwade 4. Hostings 5. 13/11/21 6. Sallizozi S. A. Goudadi D.H. Trambur S. A. Goudadi

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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (ODD)

### Academic Audit Report: AY 2020-21 (ODD)

| Department: Mechanical Engineering |  |
|------------------------------------|--|
|                                    | 1. Dr. N. R. Banapurmath, Professor & Head, Centre for Materials Studies, KLE Technological University, Hubl |
| Name of Academic Audit Frances     | 2. Dr. P. P. Revankar, Professor & PG Coordinator, KLE Technological University, Hubli                       |
| Name of Academic Audit Experts     | 3. Dr. K. B. Manawade, Associate Professor, CSE, HSIT Nidasoshi  |
|                                    | 4. Dr. K. M. Akkoli, 1st Year Coordinator & Associate Professor, HSIT Nidasoshi                              |
|                                    | 5. Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi   |
|                                    | 6. Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi   |
|                                    | 7. Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi  |

| Criterion                  | Items  | Verification<br>(Yes / No) | Observation/Comment               | Suggestions for improvement  |
|----------------------------|--|----------------------------|-----------------------------------|--|
|                            | Course Plan and Coverage   | Yes                        | satisfactory                      |  |
|                            | Teaching methods & Teaching aids   | Yes                        | Adequate and updated              |  |
|                            | Attendance records, classes engaged  | Yes                        | satisfactory                      |  |
| ~                          | Feedback from students and steps taken                                       | yes                        | well established                  | may be allowed based on regularly                                      |
| Curriculum and<br>Delivery | Quality of IA QP /Assignments  | yes                        | module coordinator                | segular vy   |
| 2                          | Parents meeting-students' progress   | yes                        | satisfactory                      |  |
| . 2 *                      | Continuous assessment of Internal for theory / Practical / Project / Seminar | Yes                        | satisfactory & seconds maintained | Pedagogies Suggested to impor  |
|                            | SEE Exam results analysis and  |                            | The odd semester results are      | 9th & 7th sem results are substanto<br>redagogies suggested to improve |
| 1                          | Counselling  | Yes                        | III V VII<br>54.54 73.21 95.24    | predagogies suggested to improve 3rd sem results.                      |

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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (ODD)

|                  | Attainment Level of COs<br>POs and PSOs                                 | yes  | satisfactory                           | Include certainines to attain                       |
|------------------|---|------|--|---|
|                  | Gap Identification & Mitigation   | Yes  | satisfactory                           | Relevant saps identified factions towen to menigate |
| 42               | Projects completed / ongoing  | yes  | sutis factory                          | Relevancy maintained                                |
|                  | 'Seminars / conferences attended  | yes" | well en couragement.                   | **  |
|                  | Papers / articles / books published                                     | Yes  | published in good numbers              | Advised to Publish in stando                        |
| * 9              | FDP / Training Program / Workshop attended.                             | Yes  | satisfactory participation             | 50000000  |
| Faculty Profile  | Preparation of E- learning content                                      | Yes  | available & distributed                |   |
|                  | Acted as resource persons   | yes  | initiated                              | To be encouraged                                    |
|                  | Progress in higher studies  | yes  | satisfactors                           |   |
|                  | Students involvement in extra-<br>curricular & Co curricular activities | yes  | students participation is satisfied    | my more participation expects                       |
| Students Profile | Study tour / industrial visits<br>/exhibitions / Internship /Training   | 409  | internship participation is excellence |   |
|                  | Achievements and Academic performance                                   | yes  | good                                   | continuous improvementis regular                    |
|                  | No. of class rooms  | yes  | sufficient                             |   |
| Infrastructure   | No. of laboratories   | Yes  | well equipped                          |   |
| ini asti uctui c | No. of computers – for Faculties  | res  | Adequate                               |   |
|                  | Computer- Students ratio  | yes  | Adequate                               |   |
|                  | No. of Computers – research scholars                                    | yes  | sufficient                             |   |
| ji               | Quality of Equipments   | yes  | 236 Tag: Hukkari Diet: Boleski Kornets | some equipments ocquired                            |

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Mech. Engg. Dept. Academics Academic Audit AY:2020-21 (ODD)

| N 23-7            | Department Library  | Yes | sufficient                |   |
|-------------------|---|-----|---------------------------|---|
|                   | MoU Activities  | yes | subisfactory              | more no of functional MOV                     |
| *                 | Consultancy/Collaborations  | yes | to be improved            |   |
|                   | Guest lecturers arranged  | yes | sufficient numbers        | ,   |
| e e               | Conference / Seminar /Workshop conducted                                  | Yes | suris factory             | To be increased no of activities              |
| Activities of the | Extension Activity  | yes | scitis factory            |   |
| Department        | Interaction with Industry / Research<br>Centres /Educational Institutions | res | satisfactory              | research based project conduction is required |
|                   | Newsletters / Magazine  | yes | satisfactory              |   |
|                   | Placements  | yes | sutisfactory efforts made | still more efforts required.                  |

(N.R. Banapurnath)

Dr. K. M. AKKali (D. N. Inandar) S A Goudad

HOD Mechanical Engg. HIT, Nidasashi

Dr. S. C. Kamate

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Mech. Engg. Dept. Academics Academic Audit AY:2019-20 (Even)

### **Academic Audit Report: AY 2019-20 (EVEN)**

|                                | 1. Dr. N. R. Banapurmath, Professor & Head, Centre for Materials Studies, KLE Technological University, Hubl |
|--------------------------------|--|
|                                | 2. Dr. P. P. Revankar, Professor & PG Coordinator, KLE Technological University, Hubli                       |
| Name of Academic Audit Experts | 3. Dr. K. B. Manawade, Associate Professor, CSE, HSIT Nidasoshi  |
|                                | 4. Dr. K. M. Akkoli, 1st Year Coordinator & Associate Professor, HSIT Nidasoshi                              |
|                                | 5. Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi   |
|                                | 6. Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi   |
| * 3                            | 7. Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi  |

| Criterion                  | Items   | Verification<br>(Yes / No) | Observation/Comment  | Suggestions for improvement |
|----------------------------|---|----------------------------|--|-----------------------------|
|                            | Course Plan and Coverage  | Yes                        | Satistactory.  |                             |
|                            | Teaching methods & Teaching aids  | Yes                        | Satisfactory.  Adequate and suitable  Satisfactory online interactions   |                             |
|                            | Attendance records, classes engaged   | Yes                        | Satisfactions online interactions  |                             |
|                            | Feedback from students and steps taken  | Yes                        | Online feedback taken  |                             |
| Curriculum and<br>Delivery | Quality of IA QP /Assignments   | Yes                        | Satisfactory.  |                             |
|                            | Parents meeting-students' progress  | Yes                        | Satisfactory. Grievance resolved by online   |                             |
|                            | Continuous assessment of Internal for<br>theory / Practical / Project / Seminar | Yes                        | Satisfactory.  |                             |
|                            | SEE Exam results analysis and<br>Counselling                                    | Yes                        | The Even semester results are  IV VI VIII  | Execulent.                  |
|                            |   | Yes                        | STANDAY COMMAND TO THE AMERICAN COMMAND TO THE AMERICAN COMMAND AND THE | Execuler                    |

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Mech. Engg. Dept. Academics Academic Audit AY:2019-20 (Even)

|                  | Attainment Level of COs<br>POs and PSOs                                 | Yes | Sassfeesony.  |                              |
|------------------|---|-----|---|------------------------------|
|                  | Gap Identification & Mitigation   | Yes | Identified, chu ato pandemic<br>few gaps are mitigated,<br>Project is in progress. (VGST) |                              |
| 80               | Projects completed / ongoing  | Yes | Project is in progress. (VGST)  |                              |
|                  | Seminars / conferences attended   | Yes | Participared in online mode   | 7                            |
| 20               | Papers / articles / books published                                     | Yes | Few arricles communicated   | Publicationneeds improvement |
|                  | FDP / Training Program / Workshop attended.                             | Yes | one line participation.   |                              |
| Faculty Profile  | Preparation of E- learning content                                      | Yes | Satisfactory  |                              |
|                  | Acted as resource persons   | Yes | Satisfactory.<br>Few numbers  | reeds to improve             |
|                  | Progress in higher studies  | Yes | Sassfactory.  |                              |
|                  | Students involvement in extra-<br>curricular & Co curricular activities | Yes | online passicipation  |                              |
| Students Profile | Study tour / industrial visits<br>/exhibitions / Internship /Training   | Yes | online mode.  |                              |
|                  | Achievements and Academic performance                                   | Yes | Excellent.  |                              |
|                  | No. of class rooms  | Yes | Good numbers.   |                              |
| Infrastructure   | No. of laboratories   | Yes | will equiped  |                              |
|                  | No. of computers – for Faculties  | Tes | Adequate  |                              |
|                  | Computer- Students ratio  | YU  | Adequase  |                              |
|                  | No. of Computers – research scholars                                    | Yes | Sufficient.   |                              |
|                  | Quality of Equipments   | Yes | Good  |                              |

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Mech. Engg. Dept. Academics Academic Audit AY:2019-20 (Even)

|                   | Department Library  | Yes | Suthicient.                                     |   |
|-------------------|---|-----|---|---|
|                   | MoU Activities  | Yes | previous mov's consinued                        |   |
| ¥))               | Consultancy/Collaborations  |     | Due to pandemie limited                         |   |
|                   | Guest lecturers arranged  | Yes | Due so pandemic limited                         | Melds to concluet more no of online activities.   |
| ¥.                | Conference / Seminar /Workshop conducted                                  | Yes | Deuto pandemie limitele autivitées conduend.    | Nicedy to conclud more, no. of online activities. |
| Activities of the | Extension Activity  | Yes | Due to Pandemic limited<br>activities conducted | Needs to conduct more, no. of online activities.  |
| Department        | Interaction with Industry / Research<br>Centres /Educational Institutions | Yes | Due to pandemic limited activities conducted    | needs to conclust more no.0, online altitles.     |
|                   | Newsletters / Magazine  | Yes | Regularly published                             |   |
|                   | Placements  | Yes | Need to improve                                 |   |
| Signature of th   | ne Academic Audit Experts:  |     |   |   |

Signature of the Academic Audit Experts:

(N.R. Banapurnath)

2. Broj. P. P. Revanker Dr. K.B. Manwade Dr. K.M. AKKoli 13/11/21

Proj. P. P. Revanker Dr. K.B. Manwade Dr. K.M. AKKoli 13/11/21

C. M. Traunder S. A Goudad

Hirasugar Institute of Technology Nidasoshi- 591 236

Mechanical Engg. HIT, Nidasoshi



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Mech. Engg. Dept. Academics Academic Audit AY:2019-20 (ODD)

### Academic Audit Report: AY 2019-20 (ODD)

| Department: Mechanical Engineering |   |
|------------------------------------|---|
|                                    | 1. Dr. N. R. Banapurmath, Professor & Head, Centre for Materials Studies, KLE Technological University, Hubli |
|                                    | 2. Dr. P. P. Revankar, Professor & PG Coordinator, KLE Technological University, Hubli                        |
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|                                    | 4. Dr. K. M. Akkoli, 1st Year Coordinator & Associate Professor, HSIT Nidasoshi                               |
|                                    | 5. Prof. D. N.Inamdar, Institute NBA Coordinator, HSIT Nidasoshi  |
|                                    | 6. Prof. S. A. Goudadi, Dept. NBA Coordinator, MED, HSIT Nidasoshi  |
| ****                               | 7. Dr. S. N. Topannavar, Professor & Head MED, HSIT Nidasoshi   |
| Date: 13 11 2021                   |   |

| Criterion               | Items   | Verification<br>(Yes / No) | Observation/Comment                                | Suggestions for improvement        |
|-------------------------|---|----------------------------|--|------------------------------------|
|                         | Course Plan and Coverage  | Yes                        | Satisfactory                                       |                                    |
|                         | Teaching methods & Teaching aids  | Yes                        | Adequate and updated                               |                                    |
|                         | Attendance records, classes engaged   | Yes                        | Satisfactory                                       |                                    |
|                         | Feedback from students and steps taken  | Yes                        | well established                                   | may be allowed based on regularist |
| Curriculum and Delivery | Quality of IA QP /Assignments   | res                        | RBTL's are varified through<br>module co-ordinator |                                    |
|                         | Parents meeting-students' progress  | Yes                        | Satisfactory                                       |                                    |
| m .                     | Continuous assessment of Internal for<br>theory / Practical / Project / Seminar | Yes                        | Satisfactory and records meinto                    | ired                               |
|                         | SEE Exam results analysis and   |                            | The odd semester results are                       | 5th a 7th sen results an satisfact |
| 2                       | Counselling   | Yes                        | III V VII<br>54.54 73.21 95.24                     | Redagogies Suggested to mystover   |

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Mech. Engg. Dept. Academics Academic Audit AY:2019-20 (ODD)

|                  | Attainment Level of COs<br>POs and PSOs                                 | Yes | Satisfactory                         | include activities to attain  |
|------------------|---|-----|--------------------------------------|---|
| ;                | Gap Identification & Mitigation   | Yes | Satisfactory                         | life long learning<br>Relivant gaps identified &<br>actions taken to mitigate |
| <i>i</i>         | Projects completed / ongoing  | Yes | Sectisfactory                        | Relevancy maintained  |
|                  | Seminars / conferences attended   | Yes | well encouragement                   | ,   |
| K                | Papers / articles / books published                                     | Yes | published in goodnumbers             | Advised to publish in standar   |
| * 3              | FDP / Training Program / Workshop attended.                             | Yes | Satisfactory participation           | J   |
| Faculty Profile  | Preparation of E- learning content                                      | Yes | Available and distributed            |   |
|                  | Acted as resource persons   | Yes | initiated                            | To be encouraged  |
|                  | Progress in higher studies  | yes | Satisfactory                         |   |
|                  | Students involvement in extra-<br>curricular & Co curricular activities | Yes | Students participation is satisfac   | for more participation exper  |
| Students Profile | Study tour / industrial visits<br>/exhibitions / Internship /Training   | yes | internship participation is excelled | other industry interactions   |
|                  | Achievements and Academic performance                                   | Yes | Good                                 | continuous improvement is require   |
|                  | No. of class rooms  | yes | Sufficient                           |   |
| Infrastructure   | No. of laboratories   | Yes | well equipped                        |   |
| inii asti ucture | No. of computers – for Faculties  | yes | Adequate                             |   |
|                  | Computer- Students ratio  | Yes | Adequate                             |   |
|                  | No. of Computers – research scholars                                    | yes | Sufficient                           |   |
|                  | Quality of Equipments   | Yes | Good                                 | Some equipments required calibration  |

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Mechanical Engg.

HIT. Nidasoshi

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Mech. Engg. Dept.
Academics
Academic Audit
AY:2019-20 (ODD)

|                   | Department Library  | Yes     | Sufficient                |  |
|-------------------|---|---------|---------------------------|--|
|                   | MoU Activities  | Yes     | Satisfactory              | ove required mous                                      |
| H                 | Consultancy/Collaborations  | Yes     | To be improved            |  |
|                   | Guest lecturers arranged  | Yes     | Sufficient numbers        |  |
| 報                 | Conference / Seminar /Workshop conducted                                  | Yes     | Satisfactory              | To be increased no of activities                       |
| Activities of the | Extension Activity  | Yes     | Satisfactory              |  |
| Department        | Interaction with Industry / Research<br>Centres /Educational Institutions | Yes     | Satisfactory              | Research based project<br>conduction is required       |
|                   | Newsletters / Magazine  | Yes     | Satisfactory              |  |
|                   | Placements  | yes     | Satisfactory efforts made | still more efforts required                            |
| Signature of th   | ne Academic Audit Experts:  | - AN    |                           | C 1 . M All m  |
| 1. W              | 2. \$ 3.11.202  | 3. Tist | B. Manbade 4. touthand 5. | 6. Sului 7. 13/11/21/21/21/21/21/21/21/21/21/21/21/21/ |
| (N.R. Banapurt    | nath) Prof. P.P. Revankaz   | Da. II  | Dr. K. M. AKKoli 13/11/21 | SA Goudadi S.N.  |

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Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.

| Mech Dept.     | i. |
|----------------|----|
| V 1.0          |    |
| Academic Audit |    |
| 2018-19(Even)  |    |

### **Internal Academic Audit Report**

| *                              | 1. Prof. S.N.Kurbet, Professor, BEC, Bagalkot    |
|--------------------------------|--|
|                                | 2. Prof. P.B.Gangavati, Professor, BEC, Bagalkot |
| Name of Academic Audit Experts | 3. Prof. D. N. Inamdar, HSIT, Nidasoshi.         |
| 2                              | 4. Prof. G.A. Naik. HSIT, Nidasoshi.             |
|                                | 5. Prof. S.A. Goudadi. HSIT, Nidasoshi.          |

| Criterion                  | Items  | Verification<br>(Yes / No) | Observation/Comment                     | Suggestions for improvement |
|----------------------------|--|----------------------------|---|-----------------------------|
|                            | Course Plan and Coverage   | Yes                        | Satisfacture                            |                             |
|                            | Teaching methods<br>&Teaching aids   | Yes                        |   | May be updated as be when   |
|                            | Attendance records, classes engaged  | yes                        | satisfactory                            |                             |
| Curriculum and<br>Delivery | Feedback from students and steps taken   | yes                        | Taken a implemented                     |                             |
| Zuivery                    | Quality of IA QP<br>/Assignments   | Yes                        | satisfactory as<br>per University nooms |                             |
|                            | Parents meeting –students' progress  | Yes                        | satisfactory & seconds maintained       |                             |
|                            | Continuous assessment of<br>Internal for theory /<br>Practical/Project/Seminar | yes .                      | satisfactory & well maintained          |                             |

Nidasoshi-591 236, Taq: Hukkeri, Oist: Belagavi, Karnataka, India. Phone: +91-8333-278887, Fax: 278886, Web www.hsit.ac.in, E-mail: principal@hsit.ac.in

# Hirasug or Institute of Technology, Nidaso Inculcating Values, Promoting Prosperity Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME.

Mech Dept. V 1.0 Academic Audit

2018-19(Even)

|                  |   | Comment | 9   |   |
|------------------|---|---------|---|---|
|                  | SEE Exam results analysis and Counselling   | yes     | Satisfactory  |   |
| হা               | Attainment Level of Course Outcomes(Cos) Program Outcomes(POs), Program Specific Outcomes(PSOs) | yes.    | Satisfactory target achieved.                       |   |
| * 1              | Projects completed / ongoing  | yes     | Referent to industry needs                          |   |
|                  | Seminars / conferences attended   | yes.    | Well encouragement observed.                        |   |
|                  | Papers / articles / books published   | yes.    | Bapers published.                                   |   |
| Faculty Profile  | FDP / Training Program /<br>Workshop attended   | yes     | Good participation of family.                       |   |
|                  | Preparation of E- learning content  | yes.    | Effectively implemented                             |   |
|                  | Acted as resource persons   | yes.    | _   | faculty to be encouraged to seek opportunities to be resource persons.  |
|                  | Progress in higher studies  | yes .   | satisfactory  |   |
|                  | Students involvement in extra-curricular & Co curricular activities                             | yes.    | Students have participated in state/national events | Some more encouragement may be given with financial assistance.   |
| Students Profile | Study tour / industrial visits /exhibitions / Internship /Training                              | yes     | compulsory industrial visits at a constant of       | Some more encouragement may be given with financial assistance. Based on academic requirement this may be strongthened. |
|                  | Achievements and  |         | suitute o,  |   |

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Mech Dept. V 1.0 **Academic Audit** 2018-19(Even)

|                              | Academic performance   | yes.  | Excallent                       | To be maintained continuously  |
|------------------------------|--|-------|---------------------------------|--|
|                              | No. of class rooms   | yes   | Sufficient                      |  |
|                              | No. of laboratories  | Yes   | well equipped                   |  |
| Infrastructure               | No. of computers – for Faculties   | yes   | Adequate                        |  |
|                              | Computer- Students ratio   | yes   | More than adequa                | Ze .   |
| ž.                           | No. of Computers – research scholars   | yes   | Senficient                      |  |
|                              | Quality of Equipments  | yes   | Good & well mainta              | wed Regular maintenana to be   |
| × 1                          | Department Library   | yes   | Suffracent                      |  |
|                              | MoU Signed   | yes   | Good number of M                | ole.   |
|                              | Consultancy/Collaborations   | yes   | To be improved                  | Surrounding industries may be  |
|                              | Guest lecturers arranged   | yes   | Sufficient nulles               | The state of the s |
|                              | Conference / Seminar<br>/Workshop conducted                                  | Yes.  | Good no. of overto conduct      | May be increased to next   |
|                              | Extension Activity   | yes   | sufficient                      | 1  |
| Activities of the Department | Interaction with Industry /<br>Research Centres<br>/Educational Institutions | yes - | To be improved.                 |  |
| Department                   | Newsletters / Magazine   | yes - | Regularly shed                  |  |
|                              | Placement  | yes-  | At pal with state level institu | tions. More efforts be made to   |

Signature of the Academic Audit Experts: 1. Debeut 2. Local and 3. D. J. J. S. Genlen (P.B. Gangarati) (D.N. Irandr (G.A. Naik) (S.A. Goudadi)

Mechanical Engg. HIT, Nida oshi

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## S J P N Trust's ...asugar Institute of Technology, Nidas Shi.

Inculcating Values, Promoting Prosperity

V1.0 Academic Audit 2018-19 (ODD)

Dept. : ME

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Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) of UGC Act, 1956.

### **Internal Academic Audit Report**

|                                 | 1. | Prof. S.A. Alur       |
|---------------------------------|----|-----------------------|
|                                 | 2. | Prof. S.N. Topannavar |
| Name of Academic Audit Experts  | 3. | Prof. D. N. Inamdar   |
|                                 | 4. | Prof. S. B. Patil     |
| 8                               | 5. | Prof. A. A. Daptardar |
| Date: 15/03/2019 and 16/03/2019 |    |                       |

| Criterion                  | Items Verifica tion (Yes / No)   |     | Observation/Comment   | Suggestions for improvement  |  |
|----------------------------|--|-----|---|--|--|
|                            | Course Plan and Coverage   | Yes | Course plan was prepared and soft copy is made available on website for student reference and as per the COE the syllabus is covered.                   |  |  |
|                            | Teaching methods &Teaching aids  | Yes | Chalk and talk method along with ICT based teaching method is followed.   | Suggested to use NPTEL videos to clear the concept along with traditional teaching method. |  |
|                            | Attendance records, classes engaged Yes  |     | Attendance record is well maintained in the Faculty dairy.  |  |  |
| Curriculum and<br>Delivery | Feedback from students and steps taken   | Yes | Feedback on curriculum was taken after midterm and<br>end term of semester. The analysis is carried out and<br>properly recorded.                       |  |  |
|                            | Quality of IA QP/Assignments   | Yes | The question papers and assignment quality is as per the standard format with Mapped Cos and RBT levels and are verified by module coordinator and HOD. |  |  |
|                            | Parents meeting -students' progress  | Yes | Counselling meeting were arranged and records maintained properly.  | Parents participation in such meetings have to improve.                                    |  |
|                            | Continuous assessment of Internal<br>for theory /<br>Practical/Project/Seminar | Yes | Continuous assessment is carried out by the Department for theory /practical /seminar as per the requirement of the University                          |  |  |

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## S J P N Trust's ...rasugar Institute of Technology, Nidas Shi.

Inculcating Values, Promoting Prosperity

Dept. : ME
V1.0
Academic Audit
2018-19 (ODD)

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|                   |   | ***** | The odd samester   | ragulta ar  | 2  | -   | Suggested to improve III and V semester  |  |
|-------------------|---|-------|--|---|--|---|--|--|
|                   | SEE Exam results analysis and   | Yes   | The odd semester results are   |   |  |   | results  |  |
|                   | Counselling   | 1.00  | III  | V   | VII  |   | results  |  |
| **                |   |       | 59.37%   | 66.93%  |  |   |  |  |
|                   | Attainment Level of COs POs and PSOs                                    | Yes   |  | Os and the  | ve completed assess<br>ir attainment level m<br>courses. |   | Advised to change Set target levels after attainment, taking an average of results of previous two academic years. |  |
| W I               | Projects completed / ongoing  | 701   | VGST sanctioned funds utilised in proper way.  |   |  | Suggested to apply more funded projects from various funding agencies.  |  |  |
|                   | Seminars / conferences attended   | Yes   | conferences adeq   | uately.   | ided workshops and                                       |   |  |  |
|                   | Papers / articles / books published                                     | Yes   | Few faculty mem  | bers have   | published the papers.                                    |   | Suggested to publish papers in reputed journals  |  |
|                   | FDP / Training Program /<br>Workshop attended.                          | Yes   | Faculty members have attended FDP/Workshop adequately.   |   |  |   |  |  |
| Faculty Profile   | Preparation of E- learning content                                      | Yes   | Staff members have developed E-learning contents.  |   |  |   | Advised to upgrade the E learning contents.  |  |
|                   | Acted as resource persons   | Yes   | resource person.   |   |  |   | Advised to take part as resource person in workshops, conferences etc.   |  |
|                   | Progress in higher studies  | Yes   | Four staff members cleared their Ph.D entrance exam and registered.  |   |  |   | Remaining faculty members are advised to register for Ph.D.  |  |
| Students Profile  | Students involvement in extra-<br>curricular & Co curricular activities | Yes   | Sufficient numbers of co-curricular and extracurricular activities have been conducted and students have participated in these events. Records of events are maintained. |   |  | Advised to encourage students to participate in out of state and within state inter-<br>Institute/state/National Level Extra-curricular and Co-curricular Activities. |  |  |
| Students r rollie | Study tour / industrial visits<br>/exhibitions / Internship /Training   | Yes   | are arranged and   | records we  | ficient number of in<br>ere well maintained.             |   |  |  |
|                   | Achievements and Academic performance                                   | Yes   | Very few FCDs a<br>SEE results.  | Very few FCDs and FCs were noticed in 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> |  |   | Advised to improve the number of FCDs and FCs.   |  |
|                   | No. of class rooms  | Yes   | maintained.  |   | re 8 with ICT and are                                    |   |  |  |
|                   | No. of laboratories   | Yes   | No. of Laboratori  | ies found to  | o be 13 and computer<br>nd are well maintaine            | r Labs<br>ed.   |  |  |



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Inculcating Values, Promoting Prosperity

V1.0 Academic Audit 2018-19 (ODD)

Dept.: ME

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| Infrastructure               | No. of computers – for Faculties  | Yes | Some faculty members are provided with computers.  |   |
|------------------------------|---|-----|--|---|
|                              | Computer- Students ratio  | Yes | Sufficient number of computers has been provided to students with almost 1:1 ratio.  |   |
|                              | No. of Computers – research scholars                                      | Yes | 10 computers are available in the research centre.   | 1   |
|                              | Quality of Equipments   | Yes | Observed that all the equipments are working in good conditions and are well maintained.   |   |
|                              | Department Library  | Yes | Department has well maintained Library with stock of 1987 books on rack.   |   |
| *                            | MoU Activities  | Yes | No activities were conducted with signed MoU industries  | Suggested to conduct activities/Interaction on regular basis under signed MoUs  |
| 3.3                          | Consultancy/Collaborations  | Yes | The department has not carried out any consultancy activities.   | Advised to involve in consultancy work.   |
|                              | Guest lecturers arranged  | Yes | Guest lecture are arranged and records are well maintained.  | Advised to organize more number of guest lecture by Industry people.  |
|                              | Conference / Seminar /Workshop conducted                                  | Yes | Workshops/Seminars/ Guest Lecture/Alumni interactions have been organized in the Department and documents are maintained.  |   |
|                              | Extension Activity  | Yes | Extension activities have been organised   |   |
| Activities of the Department | Interaction with Industry / Research<br>Centres /Educational Institutions | Yes | Arranged interactive sessions with Industry and Educational Institutions and documented.   | Suggested to conduct more Interactions for students as well staff of the department through Industry Visit, Alumni Interactions, research centre etc. |
|                              | Newsletters / Magazine  | Yes | Department prepare and publish Newsletters covering activities of the department at the end of every year. The Department also publish Technical magazines covering article of students and staff members. |   |
|                              | Placement   | Yes | Adequate number of career guidance and Placement training activities conducted.  | Need to improve the placement activities.   |

Signature of the Academic Audit Experts: 1.

(Brg D.N. Irandog) (Brg S.B. Path) (Prog A.A. Daptordor)

Mechanical Engg

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### Hirasugar Institute of Technology, Nidasoshi

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Academic Audit
Reports & Actions
taken

AY:2022-23

Ref: HSIT/Academic Audit/Reports/Action taken/2022-23/06

Date: 23rd DEC. 2023

# Consolidated Academic Audit Reports and Follow-up Actions taken during the last five academic years (AYs: 2018-19 to 2022-23)

| S.N. | Suggestions by the Academic Auditors   | Follow-up actions taken (Ref: HOD & Principal's Meetings)   |
|------|--|---|
| 1    | Teaching Methods & Teaching Aids:<br>May be updated as and when necessary  | Wit reference to the revised university curriculum in line with the NEP-2020, faculty members are using student centric methods such as innovative teaching aids, pedagogical initiatives and e-resources to strengthen teaching-learning process   |
| 2    | Papers/books/Articles published: Advised to publish in reputed peer reviewed journals  | Organised international conferences and staff and students have published their research articles in various reputed international journals   |
| 3    | Student involvement in extra and co<br>curricular activities/ Study tours, industry<br>visits, internships:<br>Some more encouragement is required | All the students are undergo internships, industry visits and participated in NSS, YOGA, AICTE Activities, UBA, Red-Cross and other social activities.  |
| 4    | Consultancy/Collaborations:<br>To be improved  | Established industry attached laboratories in the department.  The collaborative activities are conducted through MoUs with various organisations.  |
| 5    | Conference/Seminars/Workshops conducted: May be increased to met requirements  | The gaps are identified in the university's curriculum every academic year.  The bridging activities are conducted to mitigate the gaps.  |
| 6    | Placement: More efforts to make improve  | Soft skill and technical trainings are conducted to improve the placements.  Extended mentoring has been adopted to facilitate placement opportunities through alumni.  |
| 7    | Advised to register remaining faculty members to Ph.D  | All faculty members are pursuing Ph.D   |
| 8    | Advised to change set target levels for attainment of POs-COs  | The target levels are revised and attainments are evaluated regularly   |
| 9    | Advised to improve the results with FCs and FCDs   | Learner centric and class room dynamics based<br>Remedial and make-up classes are conducted to improve<br>the SEE results   |
| 10   | Acted as resource person   | Faculty members are motivated to attend as a resource to share their knowledge and skills   |
| 11   | Quality of student projects  | The project polices are made to select national importance projects through rigorous evaluation and scrutiny by the department committees.  Relevant projects are completed and they fetched sponsorships from the various agencies and some are published in the reputed international journals. |
| 12   | Quality of equipments  | The laboratory equipments are calibrated and research equipments are procured through the VGST grants   |

Dept. NBA Coordinator



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