



SATHYABAMA SCORE

SSCORE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

INSTRUCTION MANUAL FOR SATHYABAMA SCORE

Sscore

Our Patrons

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1. INTRODUCTION TO SSCORE

SSCORE is a tool to rate each faculty member's Academic, Research, and other contributions to Sathyabama Institute of Science and Technology (Deemed to be University). SScore is a Cumulative score of contribution from the following categories,

- i. A category: Academic Activities (SScore-A)
- ii. B category: Research Activities (SScore-B)
- iii. C category: Other Activities (SScore-C)

$$\text{SSCORE} = \text{SScore-A} + \text{SScore-B} + \text{SScore-C}$$

i. SSCORE-A

- 1. E-Materials: 20 points per course (only in National/International Platforms like SWAYAM, Unacademy, Udemy, Coursera, etc)
- 2. E-Materials: 5 points per course (only in Sathyabama LMS/course)
- 3. Initiating courses/Labs in new and emerging areas: 25 points/course
- 4. Innovative teaching pedagogy: 5 points/innovation (i.e. ICT-enabled classroom, Flipped Classroom, Case-Studies, Solving Complex Engineering Problems, Activity based learning, Gamification, Quizzes, etc.)
- 5. YouTube lectures: 5 points per each uploaded lecture or video (>100 views) and 2 points per each uploaded lecture or video lecture (<100 views) in Sathyabama YouTube Channel or Public YouTube channel. The uploaded video link should be provided for verification.
- 6. Extra Teaching Activity: 5 Points/Theory (Maximum 10 Points)
- 7. Fellowships, Awards from recognized bodies: 50points/credentials

8. Members in other academic boards such as Board of Studies, Academic Council in state/national institutes or universities/Govt. of India constituted Committees: 5 points
9. Value Added Programme (30 hours course): 10 points/course to be claimed by course co-ordinator
10. Overall contribution to the department : 10 points (to be evaluated by the respective department HODs)
11. Evaluation of examination papers on time without any discrepancies: Maximum 10 points (5 points/semester/Faculty)
12. Faculty as mentor to students (If students win in national level events, like Smart India Hackathon, AICTE Lilavati Awards, Vishwakarma Award, etc,): 10 points/winning.

ii. SScore-B

1. Total Article Score = Article Score_{Authorship position} + Author Citation_{Score}
2. Books Published/Edited/ Guest Editor/Editor (by reputed publishers): 25 Points/Edition or Book
3. Book Chapters Published(by reputed publishers): 5 Points/Chapter
4. Articles Published in Leading Magazines/Newsletters : 1 Point/Article
5. Reviewer for Journals with Impact Factor: 4 Points/Review
6. Product Patent if Granted Only (All Inventors) : 10 Points/Patent
7. Design Patent/Copy right if Granted Only (All Inventors): 5 Points/Patent
8. Commercial Product Developed/Technology Transfer: 100 Points/Product
9. Start Up from Institute: 100 Points/Product
10. Research Guidance - Full-Time: 10 points
11. Research Guidance - Part Time: 5 Points

12. Research Guidance Full-Time Completed: 20 Points
13. Research Guidance Part-Time Completed: 10 points
14. Projects (As PI) (Based on amount received for that year): 10 Points/1 Lakh
15. Projects (As Co-PI) (Based on amount received for that year): 10 Points/1 Lakh/No. of Proposers
16. Projects (As Mentor/Supervisor for NPDF, UGC-Postdoc, RA, WoS-A,-B,-C, etc) (Based on amount received for that year): 5 Points/1 Lakh
17. Consultancy: 10 Points/1 Lakh Generated

Sathyabama Institute of Science and Technology (Deemed to be University) has published around 1142 Articles with a cumulative impact factor of 845 in the year 2020. However, for Academic Year 2019 to 2020, the cumulative impact factor is 506. It is a challenging task to find out the contribution of each author in each article. Moreover, authors publish their articles in different roles as First Author, Corresponding Author, and Co-Authors with intra-institutional or inter-institutional Collaboration.

In order to find the contribution of each author to the institution, the following points were considered for total Article Score Calculation

1. Position of the author and number of authors
2. Impact Factor
3. First and Corresponding authors from Sathyabama
4. Total Number of co-authors
5. Articles Published in Scopus/UGC CARE list or without Impact Factor
6. The average score citations for each Faculty (The sum of the average number of citations and h-index after joining from SATHYABAMA)

TOTAL ARTICLE SCORE CALCULATION:

Total Article Score = Article Score_{Authorship position} + Author Citation_{Score}

TOTAL ARTICLE SCORE CALCULATION will be determined by applying the following seven conditions.

Condition 1 to 5 is applicable for Web of Science and Scopus indexed Journals with Impact factor

Conditions 1 to 4 are applicable for First Author or Corresponding Authors.

Authorships are counted only when the affiliation to the institute is given correctly in the affiliation/correspondence section in the Journals.

Present/Current address will not be counted as an affiliation.

Condition 5 is applicable for Co-Authors

Condition 6 is applicable for Web of Science/Scopus indexed journals without impact factor or those indexed in UGC CARE LIST Journals.

Condition 7 is applicable for Author Citation _{Score}

- Condition - 1: If both the first & corresponding author is the same person or the article has a single author,

Article Score First Author/Corresponding Author or Single Author = **Impact Factor x 60**

- Condition - 2: If both First Author and Corresponding Authors are from Sathyabama

Article Score First Author/Corresponding Author = **Impact Factor x 40**

- Condition - 3: If First Author is from Sathyabama and Corresponding Author is from Other Institute

Article Score First Author/Corresponding Author = **Impact Factor x 20**

- Condition - 4: If First Author is from Other Institute and Corresponding Author is from Sathyabama

Article Score First Author/Corresponding Author = **Impact Factor x 10**

- Condition -5: For Co-Authors: Irrespective of conditions 1 to 4; the total number of Co-authors needs to be counted by excluding the First and Corresponding Authors.

$$\text{Article Score}_{\text{Co-Author}} = \frac{\text{Impact Factor} \times 20}{\text{Total number of Coauthors}}$$

- Condition - 6: Paper published in Web of Science/Scopus indexed journals without impact factor or those indexed in UGC CARE LIST Journals

$$\text{Article Score}_{\text{First Author/Corresponding Author}} = 2 \text{ point}$$

$$\text{Article Score}_{\text{Co-Authors}} = 1 \text{ point}$$

- Condition -7: The Article score citation is applicable for Sathyabama Affiliated Publications. The total number of citations of faculty from the date of joining (DOJ) in Sathyabama Affiliation (It is applicable for every author)

$$\text{Average Citations} = \frac{\text{Total number of citations}}{\text{Number of years from DOJ}}$$

h-Index of Author after joining in Sathyabama

$$\text{Article Score}_{\text{Citations}} = (\text{Average Citations}_{\text{(WoS)}} + \text{h index})_{\text{WoS after joining Sathyabama}}$$

iii. SScore – C

1. Social Outreach Activities: 5 Points/Activity to be claimed by Convenor/Coordinator
2. Contribution to Digital India/Make in India/Skill India: 5 Points/Activity
3. Other Noteworthy Contribution to the Institute (New initiatives, introduction of best practices, admissions, institutional level contribution in accreditations, rankings and ratings, etc.) : 50 Points/Activity
4. Admission Activity:
5. Participation/Invitation in FDP, FIP, MOOC Courses, Training Program, Schools, Refresher Courses, Short-Term Courses, Workshops, Conferences : 3 Points for 1-2 Days, 5 Points for 3-5 Days, 10 points for 6-10days, 20 Points for more than 10 days
6. Organizing FDP, FIP, MOOC Courses, Training Program, Schools, Refresher Courses, Short-Term Courses, Workshops, Conferences Participated (Claimed only by event initiators and coordinators) 5 Points for 1-2 Days, 7 Points for 3-5 Days, 12 Points for 6-10days, 25 Points for more than 10 days
7. Fund Generated Through Conference, Workshop, Schools (Organizing Team):10 Points/1 Lakh Registration amount

8. Sponsoring Amount Received for Conducting an Event (Only Convener):10 Points/1 Lakh, Sponsorship: 20 Points/2 Lakh Sponsorship
9. Industry Linkage (Effective partnership and activities): 5 points/Linkage
10. Organizing lectures by Industry Experts, Academicians: 0.5 points/lecture subjected to a maximum of 5 points/Faculty
11. Invited talks/guest lectures/session chairs/Resource Persons (in distinguished forums or conferences): 1 point for national level and 2 points for international level
12. Club Activity Coordinators/Professional Body Coordinators: 10 points/Person
13. Additional responsibilities (Head of the Department/School, Year coordinators, counselors, time table in-charge, Exam cell in-charge, Practical Coordinators, etc.): 20 Points/Person

2. ELIGIBILITY

- All Faculty/Scientists are eligible for SScore 2020-2021
- SScore is mandatory for Faculty/Scientist, who has completed at least one year of service.
- The Guest Faculty, Academic Consultants, Research Scholars, Temporary Staff are not eligible for SScore credentials.

3. TERMS AND CONDITIONS

- SScore will be calculated for each Faculty member for every academic year (i.e. from 1st June 2020 to 31st May 2021).
- Please strictly follow the Instructions and incomplete submission of SScore template will not be considered.
- Submission of fake documents and authors from the retracted papers are not eligible for SSCORE credentials.
- For each activity, digital proof link/uploading is mandatory; in case of proof not available, the points claimed will not be considered during verification.
- In all matters of awarding SScore points, the decision of SScore Evaluation Committee will be final.