SANGAMESHWAR COLLEGE, SOLAPUR AUTONOMOUS

Criterion-wise Highlights: 2022-23

Criterion – I: Curricular Aspects

- Third year of UG syllabus designed and approved in 4th and 5th BOS meetings
- Third year of UG syllabus implemented
- Syllabus of 19 Programmes revised.
- Minutes of Governing Body / Academic Council/ Finance Committee / BOS / IQAC meetings made available on website.
- Courses focusing on employability/entrepreneurship/ skill development- **655**
- Collaboration with five institutions through MoUs for Academic activity (Dept of Commerce, English, Geography, Zoology, Chemistry)
- Under 1 new programmes (M. A. Geography) 21 new courses are implemented
- Choice Based Credit System (CBCS) is offered for 40 Specific Programmes of UG and PG.
- The curriculum of **328** courses integrates cross-cutting issues relevant to Professional Ethics, Gender, Environment and Sustainability and Human Values.
- Transferable and life skills- 20 value-added courses / certificate/ skill development courses -   2721 students enrolled.
- Field visits / Internship / student projects: 423 students undertook field visits, 598 student projects and 146 internships.
- IQAC collected feedback on curriculum from students and shared with departments for further analysis.
- Promoting cross-disciplinary integrated learning at the UG and PG level for OET options.

Criterion – II: Teaching, Learning and Evaluation

o **4302 students admitted for various courses under various programmes**

Programme wise admission details

Programme Name	Number of Students admitted
B.A	962
B.A. (Civil Services)	35
B.Com	1306
B.Com (Marketing)	52
B.Sc	504
B.Sc ECS	253
B.B.A.	306
B.C.A.	251
M.A (English)	65
M.A (Hindi)	27
M.A (Political Science)	43
M.A (Psychology)	27
M.A (Sociology)	73
M.A (Geography)	16
M.Com (Accounting)	110
M.Com (Costing)	95
M.Sc. (Computer Science)	61
M.Sc. (Organic Chemistry)	54
B.Lib	16
BJMC	9
Ph.D (COMMERCE)	5
Ph.D (GEOGRAPHY)	4
Ph.D (ENGLISH)	2
Ph.D (HINDI)	4
Ph.D (POLITICAL SCIENCE)	8
Ph.D (PSYCHOLOGY)	14
Total	**4302**

o 2326 seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy of Government of Maharashtra.

o **Details of seats admitted under reservat**ion category (Number of seats include minority and non-minority admissions)

CourseName	Number of seats **admitted as per reserved categories** norms of per GOI or State Government norms (reserved 50% seats)				
	SC	ST	OBC	Physically Challenged	Total
B.A.-I	123	4	180	0	307
B.A.-II	67	2	96	3	168
B.A.-III	67	1	81	7	156
B.A. CS-I	4	0	4	0	8
B.A. CS-II	1	1	7	1	10
B.COM-I	51	3	187	0	241
B.COM-II	36	1	161	2	200
B.COM-III	44	0	183	0	227
B.COM MARKETING-I	2	0	11	0	13
B.COM MARKETING-II	4	0	6	0	10
B.SC.-I	32	0	63	0	95
B.SC.-II	15	2	51	0	68
B.SC.-III	21	0	69	0	90
B.B.A. I	10	0	44	0	54
B.B.A. II	14	0	60	1	75
B.B.A. III	6	0	24	1	31
B.C.A.I	3	1	45	0	49
B.C.A.II	7	1	32	0	40
B.C.A.III	3	0	24	1	28
B.Sc ECS I	3	0	42	0	45
B.Sc ECS II	2	0	29	0	31
B.Sc ECS III	5	0	20	0	25
B.J.M.C.	1	0	4	0	5
B.LIB.&I.SC.	1	0	12	0	13
M.A.-I ENG	11	0	11	0	22
M.A.-II ENG	2	0	10	0	12
M.A.- I HINDI	2	0	6	0	8
M.A.-II HINDI	2	0	5	0	7
M.A.-I POL.SCI.	2	0	5	0	7
M.A.-II POL.SCI.	9	0	14	0	23
M.A.-I PSY.	7	0	6	0	13
M.A.-II PSY.	1	0	0	0	1
M.A.-I SOC.	13	0	13	0	26
M.A.-II SOC	12	0	21	1	34

M.A.-I GEOGRAPHY	2	0	11	0	13
M.COM.-I	6	0	24	0	30
M.COM.-II	3	0	26	0	29
M.COM.-COSTING I	4	0	21	0	25
M.COM.-COSTING II	4	1	10	0	15
M.Sc. (comp).I	2	0	9	0	11
M.Sc. (comp).II	2	0	10	0	12
M.Sc. (Organic chemistry).I	1	0	10	0	11
M.Sc. (Organic chemistry).II	4	0	12	0	16
Ph.D (COMMERCE)	1	0	0	0	1
Ph.D (GEOGRAPHY)	1	0	2	0	3
Ph.D (ENGLISH)	0	0	2	0	2
Ph.D (HINDI)	1	0	2	0	3
Ph.D (POLITICAL SCIENCE)	1	1	3	0	5
Ph.D (PSYCHOLOGY)	0	0	8	0	8
TOTAL	615	18	1676	17	2326

o Teachers identify slow and advanced learners through oral questions; marks gained in previous class and organize orientation lectures guidance accordingly.

o There are **56 Fulltime teachers** working in the institution. (41 permanent faculty + 15 temporary faculty)

o The Student : Teacher ratio is 4302:56= **76.82**

Teaching learning process

- **Experiential learning:** Departments organise hands-on laboratory experiments, Hands-on laboratory experiments, Internships, Participation is survey, Social innovative projects, Field visits - data collection, participating in activities of other institutions, Making Catalogue, Industrial visit, Essay writing, Undergraduate research programmes, Students Projects, Classification of Books, Book review, Article writing, editorial writing, etc.

- **Participative learning:** Departments organise various activities like Team Building Exercises, Group Exercises, Management Games, Organised Marketing Expo, Role Plays, Class Room Presentations, House Keeping Operations of the Library, Team Assignments, Participation in Inter-Institute Competitions, Planning, Participation and execution of annual or social gathering, organising seminars, conferences and workshops for students, learning event managements, organising exhibitions to exhibit technical skills.

- **Problem-solving methodologies**: Problem-solving methodologies are adapted by the departments are solving real life problems through explanations and

examples, solving hypothetical problems and find logical ways to solve it, solving contemporary problems by finding, suggesting hypothetical ways, case analysis, group discussions, guest lectures, organizing quiz, participating in survey and data analysis

ICT utilization in teaching leaning process

- ICT resources played a very important role in continuing Teaching Learning Process. Teachers used the Google meet, zoom application, Microsoft team to conduct online lectures
- Other free and open resources platforms like Google classroom to share lecture notes, to assign tasks
- Provide links for YouTube lectures
- Teachers download e- Books, e-journals and notes from the internet and share the same with the students.
- They used readymade PPT, created topic wise PPTs, notes in PDF and word format and upload them on free LMS platform like Google classroom, share on WhatsApp, email etc.
- They also used Mobile apps, YouTube, Blogs for effective teaching learning process to sustain learning process.

- 49 fulltime teachers were allotted list of students for mentorship.
- Academic calendar and Teaching plans prepared in advance and displayed on website.
- 43 full-time teachers are having Ph.D. degree.
- The summation of total teaching experience of all full time teaches in this institute is 841 years.
- It took average 33 days for the declaration of results from the date of last semester-end/ year- end examination.

Number of students' complaints/grievances against evaluation –

- 82 students applied for examination grievance redressal from both semester end examination.

IT integration and reforms in the examination procedures:

- In this academic year, the institution conducted examinations for all courses in offline mode as per the statute accepted and approved by the Governing body and Academic Council.
- The examination cell organized examinations for 70% marks under the title **SEE (Semester End Examination)** while remaining 30% marks called as **Continuous Assessment** (CA) are conducted by the departments.

- Departments scheduled the tests for concerned course and used Google forms to conduct online continuous assessment (CA) examinations.
- OMR sheets were employed for the compulsory first year upgraded subjects titled "Democracy, Elections and Good governance". These sheets undergo processing using computerized OMR checker software and the results are generated through the same software.
- The institute plans to automate everything by integrating IT with well set examination system. At present the institution uses software designed by CIMS Master Soft ERP Solutions Pvt. Ltd. It is a cloud based software helped for preparation of examination timetable, automatic allotment of blocks, feeding of marks, preparation of result sheet and maintaining records, analysis of results etc.
- There is a separate examination grievance redressal cell to resolve exam related grievance of students. The cell received online complaints through mail and disposed off the issues with appropriate solutions.

Evaluation Process:

In this academic year, the institution conducted examination under institutional autonomy for all the courses of UG and PG courses.

The continuous Internal Assessment (CIA) examination was conducted as per the statute accepted and approved by the Governing body and Academic Council. The departments conducted CA examinations through home assignments, online and offline unit tests in both semesters.

The SEE (Semester End Examination) was conducted at the end of both semester in offline mode. The odd semester SEE examination was conducted in December 2022 and Even Semester examination was conducted in April 2023.

- o The data base for examination was operated through a software of CIMS Master Soft ERP Solutions Pvt. Ltd.
- o The software assisted for various examination activities from allotment of seat number to declaration of results.
- o Results of final year students - **UG 85.52% and PG 66.09 %**
- o **Student Satisfaction Survey (SSS)** on overall institutional performance was carried though Google forms
- o The Google form link was shared with students through WhatsApp group of concerned departments and collected the responses along with suggestions of students.
- o 1240 students had given feedback on questionaries of SSS.
- o The student's response of students on SSS was shared with concerned authorities or HODs of concerned department.
- o The data was analyzed and discussed with concerned authorities through IQAC.

- Feedback system helped IQAC to rectify the errors, technical problems and sustain quality education.

Criterion – III: Research, Innovations and Extension

- The Research & Development Committee (CRC) looks after all the aspects related to research environment in the institution.
- The institution provided seed money to TWO teachers – Dr. Mrs. P.G. Metri (Dept. of Physics) and Dr. B.A. Metil (Dept. of Psychology).
- One faculty Dr. Diwate Aarti Vijaykumar (Dept. of Chemistry) is having ongoing research project funded by Punyashlok Ahilyadevi Holkar Solapur University, Solapur through seed money-Amount sanctioned Rs. 1,00,000 and grant received Rs. 50,000).
- 19 faculties are recognized as research guides by PAH Solapur University, Solapur.
- Total 40 Ph.D. students registered in 07 Research centers of the institution.
- 27 Research paper published – 04 in Peer Reviewed Journals, 04 in Science direct, 05 in Elsevier Science, and 14 in UGC CARE listed journals.
- 12 books published
- In the last academic year, we have conducted 06 National Seminars
    1. Research Methodology: 02,
    2. IPR: 01,
    3. Skill Development: 02,
    4. Entrepreneurship: 01
- 178 Citations in Scopus

Criterion IV Infrastructure and Learning Resources

Physical Infrastructure

- 16517.6 sq. meters campus with buildings and open space, Botanical Garden as well all amenities
- 67 Well-Furnished Classrooms
- 2 Seminar Halls
- 18 class rooms - Projector with LCD facilities,
- 03 Administrative Rooms (Office)
- 5 Ramps
- Separate department rooms of Language and Social Science Departments

- o Smt. Sarojini Annaraj Kadadi Computer Institute
- o 25 laboratories are well furnished with adequate equipment's. It consists of
- o 01 Network Resource Center
- o 01 Language laboratory
- o 04 Computer labs connected with LAN.
- o 01 Commerce Laboratory
  - o 01 Prof. Basavaraj Nelvegi Clinical Psychology Laboratory
  - o 263 Computers systems, 30 printers and scanners to facilitate office, administration, teaching and learning, and students' utilization purpose.
  - o 5 different software used for administration, data collection and processing. IT Solutions/Net Connectivity (CIMS, Tally, Taxbase, ETNL, Techmart Solutions)
  - o 01 Botanical Garden
  - o 01 canteen
  - o 2 Libraries (One Centralized Library and 1 Library for Professional Course)
  - o 01 Ladies Common Room and Ladies Corner in the college campus.
  - o A Counseling Centre with trained full-time counselor offering individual and group counseling.
  - o 01 hostels for boys
  - o 01 hostel for girls

Infrastructure for cultural activities, yoga, sports and games (indoor and outdoor) including Gymnasium, Yoga Centre, and Auditorium etc.

- o A separate sports ground measuring 20797.55 sq mtrs area.
- o A separate office, Gym Centre (Gym Hall 40x30 Ft), Yoga Centre
- o 400m Athletics Running Track i.e., outdoor games are available.
- o Indoor game facility – Yoga **Room and Table-Tennis**
- o The college participated in 28 **different games during the year**
- o Sports equipment's- A machine with 08 stations for the weight training, Taekwondo Best-Physique also available here
- o The institution has tie-ups with Government and Non-Government need based infrastructure facilities. Tie ups for Games like Swimming, Shooting, Badminton, Wrestling, Handball, Football, Hockey, Cricket, **and Basketball** with associations and the Municipal Grounds for both practice and arrangement of sports events.

Library infrastructure

o Name of the ILMS Software: SOUL 3.0

o Nature of Automation: Fully Automated

o Year of Automation: 2008

o Automated Services provided

o Library Services

o Reference Service

o Selective Dissemination of Information (SDI)

o Current awareness service (CAS)

o Documentation service

o Inter-Library loans and Document Delivery services through DELNET

o Online Public Access Catalogue (OPAC) service provided through Library

INFLIBNET N-LIST and DELNET facilities

o Library provides e-learning resources to the users by providing User ID and password.

o N LIST 6000 + e-journals and 135000 + E-Books are available on this website.

o CDs and DVDs are available for various subjects

o Rare Book Collection.

o Number of students and teachers using the library per day during the year- 216+9

Expenditure on purchase of books/ e-books and subscription to journals/e- journals during the year (INR in lakhs) – Rs. Books 11,33,340 lakhs   Periodicals Rs. 1,19,936 lakhs

IT Infrastructure

o Utilization of IT resources under IT policy.

o 263 computers available in the college.

o Student - Computer ratio :: 4302 : 251= 17.14 (17 students per computer)

o Bandwidth of internet connection: 70 Mbps

o Video surveillance cameras are installed at key points such as the entrances and exits of buildings and examination venues.

o Well-designed Informative website

Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year = Rs. 122,93,637 lakhs

Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs) – Rs. 48,55,423 Lakhs

Criterion V: Student Support and Progression

- 1663 students benefited by scholarships provided by the Government
- **Number of Capacity Development and Skill Enhancement activities: 31**
    - Soft skills - 7
    - Language and Communication skills   - 8
    - Life Skills, Health and Hygiene - 7
    - Awareness of trends and technology   - 9
- 442 students benefited from guidance/coaching for competitive examinations and career counseling offered by the institution
- Coaching for competitive examinations - 1 - Benefitting 105 students
- Career counselling - 6 activities - Benefitting 337 students

Grievances Redressal mechanism at the institution: includes following committees

- Minutes of following committee meetings are uploaded on website.

Name of the committee	Number of meetings
ICC (internal Complaints Committee)	04
Grievance redressal Committee	02
Anti- Ragging Committee	03

- **Placement details:**
    - In campus selections - 148
    - 62 Boys and 86 Girls are selected

- **Students progressing to higher education:**

Name of the programme	Number of Transfer certificates issued
B.A	207
B.Com	342
B.Sc	179
BBA/BCA/BCS	103
BJMC	03
M. A.	29
M.Com.	03
Total	**866**

Students Achievements in various Exams:
- o Three students qualified SET Exam; Department: Marathi (01), English (02)
- o One student from English department qualified NET Exam
- o Two students from Chemistry department qualified IIT JAM Exam
- o One student from Physics department qualified National Graduate Physics examination

Outstanding performance in cultural activities
- o First Rank in : Group Song , Group dance, Elocution, Street Play, Storytelling, Poster Making
- o Second Rank in : Spot Painting, Classical dance, Best Actor
- o Third Rank in : Collage

Number of sports events / competitions organized by the institution: 04
- o University level Swimming competition

Cultural events - competitions organized by the institution: 09

Criterion VI: Governance, Leadership and Management

Institutional Vision and Mission
- o Properly communicated and displayed on admission brochure and institutional Website

Institutional practices of decentralization and participative management
- o Decentralisation is practised through several Statutory, Non statutory and Ad- hoc committees.

Institutional Strategic/ Perspective plans:
- Strengthening the research component
- Focused approach on curriculum design and development through NEP Implementation: the college has developed a multidisciplinary/interdisciplinary credit structure, syllabus for the courses decided was framed by the respective departments, and Curriculum and syllabus are built around the Outcome Based Education paradigm.
- ABC Credits: Orient the students to open ABC Account and implement transfer of credits to ABC Account
- Enhancing ICT teaching and learning among the learners
- Entrepreneurship: Development of Incubation Centre and Start up Initiatives

The functioning of the various institutional bodies is effective and efficient

o Minutes of meetings of following bodies displayed on the website**.**

Governing Body	Academic Council	Finance Committee	BOS (each Subject)	IQAC
08	07	03	06	04

Institution possesses well defined policies as listed below:

o Policy on Divyanga Friendly environment
o Policy on Anti Ragging
o Policy on Research and Innovations
o Policy on IT
o Code of Conduct
o Policy on Green Campus
o Policy on utilization of Physical facilities

Implementation of e-governance in areas of operation: Administration, Finance and Accounts, Student Admission and Support Examination

o E-governance through **MIS software** purchased from **Master Soft Cloud Computing- Pvt. Ltd.** Clear data from admissions, fee payment, data management, examination etc.
o **Tally software** manages financial data, computation of accounts and also assists in audit

Welfare schemes for teaching, non-teaching staff

o Sangameshwar Sevak Sahakari Patsanstha Maryadit Solapur
o Gunvant Palya Yojana (felicitation of scholars – ward of employees)
o Provide assistance in placement and promotions of faculties

Motivation to faculty members to attend Orientation, Refresher and faculty development programmes for professional development

Name of the program	Number of faculties attended
Refresher	08

Professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff

o Webinars- 04, Seminar- 01

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The following committees are involved in planning and resource mobilization.

- o Planning and Evaluation committee
- o Purchase Committee
- o Finance Committee
- o Internal Audit
- o External Audit (by Government Agency)

Major contributions of IQAC

Curricular Aspects:

- o Since the institution is autonomous, the UG III syllabus has been framed as of the 2022–2023 academic year. Additionally the college has designed syllabus for the new programmes i.e. MSC II Organic Chemistry, MCOM II Costing, BCOM II Marketing, BA II Civil Services
- o **Simultaneously, the college developed the UG I and PG I credit structures according to the State Government's NEP 2020 guidelines**
- o A draft of the course syllabus has also been completed. The curriculum was carefully designed to adhere to LOCF and implementing OBE to meet demands on a local, regional, and international level.
- o Curriculum analysis based on feedback was done.
- o UG and PG students were oriented and ABC Account of the students was opened.

New Courses and Programmes:

- o An initiative was taken to start Post Graduation Programme in Geography (MA Geography) and **PG Diploma in Industrial Fermentation and Alcohol Technology** (PGDIFAT)
- o The college has also made skill-based courses a priority. For UG II and III, **18** scientific, art, and commerce skill development courses were offered.

Research, Innovations and Extension

- o Research funding via fellowships and startup money
- o An increase in Ph.D. faculty and research advisors
- o Books and research articles by faculty members were published
- o Growing indices of scientometrics (h-index) and citations
- o Holding workshops on IPR and research methods

Infrastructure and Learning Resources:

- O Expansion of Academic and IT infrastructure. Enriched Library, well equipped laboratories etc.

Student Support and Progression:
- o Better advancement of the students.
- o Effective Placement Cell.
- o Increased involvement in NCC and NSS events.
- o Exceptional achievement in cultural and sports activities.
- o Coherent Leadership, Governance, and Management
- o Application of Policies

Criterion VII Institutional Values and Best Practices

Measures initiated by the Institution for the promotion of gender equality
- o Annual Gender Sensitization Action Plan comprising Security, Awareness, Equality, Support, Respect
- o Gender Audit for Academic Year 2022-23
- o Active Internal Complaints Committee
- o 11 different activities organized for gender sensitization/ awareness

Facilities for alternate sources of energy and energy conservation:
- • Roof top panels, Energy saving equipment's, Kirloskar Green Power Generator, LED Bulbs

Management of the degradable and non-degradable waste:
- o **Different collection, management safe disposal approaches for- Non-Biodegradable waste, Bio degradable waste, Chemical wastes, E-waste**
  - • Solid non-biodegradable waste given to **Municipal Corporation Collection Vehicle.**
  - • Bio degradable waste is collected and decomposed **in vermiculture pit**

Water conservation facilities available in the Institution
- o Rain water harvesting unit
- o Bore well recharge

The institutional initiatives for green campus are as follows:
- o Policy for Green Campus
- o Restricted entry of automobiles
- o Pedestrian-friendly pathways
- o Ban on use of plastic
- o Landscaping

The institution's initiatives to preserve and improve the environment and harness energy are confirmed through:
- • 10 beyond the campus environmental promotional activities were carried.

Disabled- friendly and barrier-free environment
- o Number of Divyanga students admitted: UG-16, PG-01
- o There is well defined Policy for Divyanga students
- o Equal Opportunity Cell takes activities and care of divyang students

Institutional efforts/initiatives in providing an inclusive environment
- o Institution celebrated commemorative days
- o Diwali Faral and Fatake vatap Programme
- o Vigilance Awareness Week Celebration
- o Guest lectures on Freedom Struggle of Solapur
- o Promotion of patriotism through Desha bhakti Geet programme
- o Provided Seva at Khandoba Mandir Bale (Police Mitra) and Dasoha seva at Siddheshwar Mandir
- o Organised visits to Cultural and Heritage sites
- o Celebrated National Holidays of different festivals of all communities
- o Celebrated International Year of Millets Celebration Programme SAN-AGRO MILLETS FOOD FESTIVAL

Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens
- o Celebrated Sanvidhan Din Shapath and Guest Lecture and Participated in Rally on 26th November 2022
- o Republic Day celebrated on 26 January 2022
- o Display of Preamble at various locations in the college campus
- o Mandatory attendance to lectures of Democracy, Elections and Good Governance
- o Organized One Day Sanvhidhan Training Workshop
- o Organized Election Awareness Rally
- o Organized Voters Awareness Campaign (Election Department – No.06 Form Distribution)
- o Creation of Awareness about Voting Process

The institution has a prescribed code of conduct for students, teachers, administrators and other staff
- o Policy Document for Professional ethics and Code conduct
- o 03 awareness program on code of conduct were carried out

Best Practices
- o 1. The Title: Learning Made Experiential
- o 2. Organizing English Proficiency Contest

Best Practice 1:   LEARNING MADE EXPERIENTIAL

Objectives of the practice
- To make learning application based
- To make learning participative

Context

Learning was theoretical and making it practical was the need of the hour. Apart from theory classes, practical and discussions in the classes' student were required to have actual hands-on experience. With this in mind the IQAC decided to run a best practice of, Experiential Learning.

Practice

The practice was discussed in the general meeting and the departments were instructed to practice it.

Some of the highlights of the practice done by some departments is given below:

The **Department of Botany** organized the '**Miyawaki Plantation'** training at Sidheshwar Van Vihar on 5th Nov 2022. To get training of Miyawaki technique was the primary objective. Totally 48 students and 3 faculty members participated the training session. The forest department officers from Solapur were the resources persons. Miyawaki, a method of creating quick forest cover is the need of the hour. The students were benefited with this technique to contribute in the social forestry to be developed in the cities.

The **Department of Electronics** undertook '**Check Dam Building'** as an extension activity of the department. The students got practical experience at Soregaon farms near Solapur. Majority of the students have rural and agrarian background. This skill trained them to contribute in water conservation and soil erosion problem.

The **Department of Commerce** organised *'Udyomodoya- Synergy Marketing Expo'.* The primary objective of the activity was to give practical experience of learning what they learnt theoretically in the class under their subject Principles of Marketing.Two hundred and fifty students actively participated in the event. The activity developed entrepreneurship among the students.

The **Department of Geography** undertook a village survey at Limbi Chincholi Tal. Akkalkot on 26th Nov 2022. The primary objective of this survey was to introduce interrelationship between man and environment. It was a study of human activities and their impact on natural and cultural factors. Totally thirty-nine students participated in the survey. They got first-hand experience of rural life where they are going to render their services.

The **Department of Physics** made learning experiential to the students from B.Sc.III through **Preparation of Models of Crystal Structures** on 23rd Dec 2022. The primary objective was to make learning outcome based with practical experiment. The activity motivated to improve their learning engagement.It also improved theirlearning retention and Higher Order thinking skills.

The Department also conducted a **Workshop on Hands on Robotics** 3rd March 2023. Seventy students participated in the activity. It was practical part of theoretical learning in the class it was a collaborative activity with the Department of Electronics.

Evidence of success

The practice brought changes in learning approach among the students. They were seen active and enthusiastic to get practical experience of what they had learnt in the classes. Their active participation turned them into independent learners. Many students started to think about entrepreneurship instead of job seeking. The attendance in the classes improved remarkably.

Problems encountered and resource required

The activity requires special timing, infrastructure, experts and efforts to implement the practice. It is a team work so entire institution had to contribute. The students had to take out special time and efforts to learn practically. The students have been habituated to learn theoretically so it is not so easy to convince them initially.

Best Practice 2: - ORGANIZING ENGLISH PROFICIENCY CONTEST

Objectives of the Practice:
- To increase the English proficiency of the students
- To make English language learning interesting
- To organize an extension activity

The Context

English is an interdisciplinary subject. It is the language of opportunities. Learning it going beyond the text is the need of the hour. **Students learn when learning is a competition or a fun.** With this in mind, the institution has been organizing University level contest through the **Department of English** and its partner, Sarthi Sunday English Speakers Club.

The Practice:

The Department and the club took special efforts with the help of posters, pamphlets and the social media. The message contained the contest details, registration fee and the prizes. This inter collegiate contest attracted 19 institutions and 210   participants. It was held at the college on a non-working day. There were three eliminating rounds; Students had to

appear for the written test first. This test covered questions on English Grammar, comprehension, critical thinking, etc. The students who qualified this test had to participate in Group Discussion which was an important tool for the selection of students for different jobs. Thus, students automatically got acquainted with Group Discussion skills. The final stage was personal interview where students were acquainted with interview skills. Sometimes, extempore speech competitions were also conducted providing students' lot of practice in speaking skills. The first three successful participants were given Cash Prizes, Certificates and Trophies.

The event is the most awaited event for the English language enthusiasts and students preparing for different competitive examinations. The prizes were distributed at the hands of an academician Dr. Deepak Nanaware. His words were inspirational to learn English enthusiastically.

Evidences of Success: No doubt these Tests have proved to be useful for students to train themselves in the proficiency of English and make themselves employable. The successful selections of the participants during the campus recruitment by the placement cell are the evidence of success.

Problems encountered and resources required:
The activity requires lot of infrastructural and human resource to conduct this activity. Approaching and motivating the participants consumes lot of time. Lot of paper work by the committed coordinator is also essential.