



HINDI SEVA MANDAL'S (ESTD. 1950)
SHRI SANT GADGE BABA
COLLEGE OF ENGINEERING & TECHNOLOGY

PRINCIPAL'S ANNUAL REPORT 2022-23

We are in a progressive development phase after ISO, we achieved NBA and then special academic committee from DBATU has awarded us "A" grade then the NAAC peer team has declared B++ Grade to our institute with 2.87 CGPA. I am proud to announce that very few institutes in country are between this prestigious range of B++ to A and our SSGBCOET is looking ahead towards A Grade in second cycle. The vertical progress of SSGBCOET in all facets is due to minute efforts taken in academic implementation. And this is the reason that during the Last year Admission season students, parents and in all whole society stood firmly with our culture of excellence and we received an overwhelming response in terms of admission count.

We started 23rd Academic Year 2022-23 for Third and Final year first, then of Second Year followed by First Year started with one week 'Induction Program', that included activities for making students familiar with college environment, also aware them about engineering culture and make them know what they are going to do in upcoming four year before they are finally graduated from this institute with tradition of excellence.

This year Staff took extensive participation in learning new methodologies and recent trends in technology by attending short term training programmes, faculty development programmes and completing



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at least one course on online platforms like NPTEL/SWAYAM and MOOCs etc Apart from academics SSGBCOET is keen on holding activities to boost culture of Innovation and Start Up. Institution Innovation Council is doing good activities for that. Till this month we have completed more than 25 activities under Institution Innovation Council.

Academic Results:

Academic results of any institution are the reflection of efforts of all the administrators, faculties and it is the real hall mark of any good college. Our academic results are a testimony of the same.

I can proudly say that every year our college has achieved 90% overall result in University examinations. This year our college achieved 100% overall result in examinations. I am also proud to report that till date SSGBCOET's technocrats have secured more than 20 gold medals in North Maharashtra University which was our old affiliating university and this tradition of merit and gold medal we are continuing in Dr. Babasaheb Ambedkar Technological Univeristy, Lonere too. Our three post graduate students Mr. Vaibhav Chaudhari from Mechanical Engineering, Rodrigues Evengel Denis and Nitin Bhagwat Pawar from Computer science and Engineering have secured gold medal in Dr. Babasaheb Ambedkar Technological University, Lonere.

Major Institutional Happenings and Activities:

About Placements and MoUs:



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As a part of sustainable development this year we adopted *Train, Evaluate and Place strategy*. Under this initiation we signed several memorandums of understandings with renowned organizations this year as IBM Skill Build, iLET Solutions and Emertxe Information Technologies and Coffeee.io. Huawei, Infosys, Monster, Unacademy, FUEL and GateTutors. Emertxe Information Technologies is giving stipend based internship opportunities to our students.

These MoU helped us to train our students about latest emerging technologies such as Aptitude, Python, Java Programming, Data Management and Cloud Computing etc. These courses were useful for their placements.

I am looking forward to sustain academic, corporate and industrial excellence in the SSGBCOET. With my Team I am looking forward to take measures to build systems for continuous improvement of Curricular and Co-curricular ambience with sustainable quality.

Extensive efforts of Training and Placement Team have started showing colors from the last year. AT Training and Placement - "*We believe that – Outcome of Quality Education is Manifest when Career grind your horizons*".

Last Year 220+ students were placed and the success journey continuous this year too. I am proudly announcing that this year till date around 100+ students from our institute are successful in finding jobs in



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multinationals like Infosys, Wipro, IntelliPaat, Metarolls, BYJU, TCS, Hexaware, Ashoka, Hitachi, Tech Mahindra and many more. We are rigorously taking efforts on training and internship also.

Apart from preparing the students to qualify for purely academic demands, special efforts are being made continuously to enable them to face the challenges of the competitive world. It's a matter of great importance to us that the students who pass out from our institute should carry forward the values they have inherited, excel in whatever they do and be role models in the society.

We under T&P Cell take care to groom our students according to the needs of the industry by providing students lot of industrial exposure by frequent industrial visits / Tours. Besides, our undergraduate students undergo internship in reputed industries / institutions / organizations as part of their academic requirements. Prof. Rammohan Agrawal, Placement Officer heading the T&P Cell supported by coordinator from each department to carry out different activities. T&P Cell also organized more than 30+ workshops/Seminars on personality development and interview skills.

Recently, T&P Cell in association with Barclays and Rubicon Skill India Pvt. Ltd., had organized and conducted "Life Skills Development Training Programme" for all SSGB students in which 200+ students have successfully completed and gain the life skills.



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Prof. Rammohan Agrawal, was awarded as “Best Training and Placement Officer” across the Country by Universal Mentor Association, at New Delhi, India.

He has been shortlisted and received “MaTPO – Outstanding Leader in T&P 2022” by Maharashtra Association of Training and Placement Officers (MaTPO) at Solapur, Maharashtra, India.

He has also received several awards and recognition from many organizations for his tremendous hard work and dedication towards his work.

Staff Training and Welfare:

We truly believe that the foundation of a strong and prosperous nation lies in its youth, and an educated mind can contribute radically. It is with this thinking that we have introduced various skill development programs and courses that value to students which will provide them with the pre requisites to overcome various challenges and help them. The culture of workshops and FDPs at SSGBCOET is further reinforced by invited lectures by various departments. Number of talks and lectures were organized throughout the year on varied topics. Recently we arranged training on Effective teaching Methodologies for staff members of SSGBCOET. Apart from staff we have arranged many training sessions for students also.



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With the help of stake holder's i.e. management of Hindi Seva Mandal, I am successful in initiating some staff welfare activities also.

ICT facility Up gradation:

We here at SSGBCOET believes in quality and standards. We follow the thoughts that availing quality facility to staff and students will bring quality results in work, academics, exams and placements. With same thoughts we have established our laboratories and availed quality instruments to students and staff. This year we have upgraded our ICT facility by purchasing 40 all in one ultra modern PCs for staff and students and most proudly I want to state that this year we are going to establish a dedicated apple PCs lab in our Institute. We have purchased 20 High End Apple PCs and I am assuring that if You my dear students utilize that PCs in right way then we will establish some more high end computing facility in this campus. I am really thankful to management of Hindi Seva Mandal for giving us free hand for these policy decisions and availing these high end facilities to staff and students of the institute.

Apart from PCs we have converted three class rooms to smart class rooms this AIR. This fully air conditioned smart class rooms will carry the teaching culture of SSGBCOET on a different level.

Women Empowerment Activities:

A special women development cell at SSGBCOET intends to bring girl students to the forefront of different activities in the college by offering



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various facilities and benefits to them.. This cell arranges several activities for SSGBCOET girl students. Regular meeting are conducted by this group under chairmanship of Prof. Mrs. S. M. Shinde. The major role of this cell is to encourage involvement of girl students through academic, cultural and outreach activities such as talks, seminars, workshops and poster-making etc. and also review safety and security measures for girl students. It provides a platform for the female students to explore their co-curricular abilities. Along with chairman of cell, the Women Development Cell committee members Prof.Ms. Priti Subramaniam, Prof. Mrs. N. A. Nemade, and Prof.Ms. L.B.Agrawal are actively engaged in arranging guest lecturers related to topics of health, Mediatation, Inter personal skills and self defense too.

Co-Curricular/Extra Curricular Activities:

Co-curricular Activities are very important part and parcel of educational institutions to develop the students' personality as well as to strengthen the classroom learning. These activities enable to supplement and complement the curricular or main syllabi activities. At SSGB we take full efforts for overall development of budding engineers and arrange several activities throughout the year.

Out of many activities there are two major events SSGBCOET hosted. One is " National level Faculty Development Programme on Advances in Electric Vehicle Industry " In association with: SAE India Western



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section, Institution innovation council, IIIE Mumbai Chapter on Date 14th-18th Nov 2022. I want to congratulate Coordinator Dr Shrikant Chaudhari for his efforts. There were 516 participants from 21 states for this FDP. And another was with a mighty success with 1178 participants from 22 states. It was "National level Faculty Development Programme on INNOVATION, RESEARCH AND IPR - JOURNEY TOWARDS EXCELLENCE" In association with: SAE India Western section, Institution innovation council, IIIE Mumbai Chapter, Federation of Education Leaders and Administrators, Date 01st - 05 th March 2023.

One more event of proud for SSGBCOET family is that on 31st March Dr. Shrikant Chaudhari received acceptance of his patent by Indian Patent Office on Title "SOLAR POWERED FOLDABLE CAR ROOFTOP COVER". Congratulations to Prof. A.V. Patil sir, Prof. J.S. Chaudhari sir & Miss. Komal Chaudhari for this big achievement.

Technological advancements in the field of technology have changed the global scenario. In order to enrich the technical knowledge of every individual and share it with others, we conduct the National Level Technical Symposium, paper presentation competition every year. SSGBCOET's national level symposium is planned in the month of May 2023. Also we encourage and assist our students to prepare and present technical papers in various symposium, seminars and conferences in various other colleges. Innovative Idea presentation, Quizathon,



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Achievements Unlocked and Future Technocrats, Techcellence and Techzealot are our technical events, which are very much popular among technical community members.

Now we are an established name in the area of robotics and automotives due to efforts of Blanka Botz Team, Gaj Cyborg and GEAR lab continuing with this tradition this year we have come up with Coding-Decoding club namely CODE PHANTOM. Activities under this club will unlock the unlimited possibilities in the area of professional coding. CODE PHANTOM hold more than 20 different activities this year and many to come in coming years.

Blanka Botz made us proud again by winning all major competitions like IIT Bombay's TECHFEST, VJTI's Technovanza and other countless.

Sports:-

Sports is yet another field of excellence at SSGBCOET. Our Student Shaikh Awez Amin of Mechanical Engineering won the West Zone All India Inter - University Competition of Badminton. Venue was Kota University, Kota. (Raj). Many laurels won by students at institute level.

Technical Initiatives and by Department:

Internal Quality Assurance Cell (IQAC) is formed in the institute to assure, sustain and upgrade the overall quality in SSGBCOET campus. IQAC was instrumental in organizing many Workshops in 2022-23. The IQAC team of the College has been working tirelessly on the preparation



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of AQAR. We have submitted all previous academic year's AQAR and now awaiting for Second Cycle Visit Preparation of NAAC. We are expecting NAAC second cycle visit in January 2024. It will be a big task in front of SSGBCOET family in coming academic year.

Library:

Our library is fully computerized and all its functions and operations are done through dedicated network of computer systems through the library software. It has up-to-date bibliographic database of books and journals. The library has 7642 titles and 45485 books. The largest collection in the region is carefully handled by our librarian Mr. P. S. Bhat. The library subscribes to 316 journals & magazines of national and international repute in the relevant subject areas. Besides this the library subscribes to 11 national newspapers. It has 534 bound volumes of journals and 650 CDs in its collection. The library held its orientation program on 12th August, which is also National Library day. Our Central library also celebrates 15th October as Reader's Inspiration Day on occasion of Late. Dr. A. P. J. Abdul Kalam's birth anniversary. The library has rich and active collection of text-books and reference books which is utilized heavily by the students. The library also carried out a memorandum of understanding with IIT, Bombay to utilize resources to keep its collection live and relevant. The library also provided book-bank facility to students belonging to SC/ST/OBC categories and other



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economically poor and meritorious students of the college. To complement class-room teaching with e-learning, the library has computing facility comprising of 40 PC with Internet access. The library has access to more than 43,000 peer reviewed journals, 44 databases and other educational materials. Through the NPTEL programme, the faculty and students also enjoy the facility of remote access to more than 400 lectures on different subjects from IITs. Besides this, library also downloads relevant subject material and other useful information available in public domain on to its local network for students' ready reference. Central library subscribed to DELNET. DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries. It aims to collect, store, and disseminate information besides offering computerized services to users, to coordinate efforts for suitable collection development and also to reduce unnecessary duplication wherever possible. Also the subscription to IEEE and Science Direct are also renewed. National Digital Library registration is also one major initiative by our central library. We have conducted 11 NDLI Club Events out of That 09 were institute level and two were Global level. In an initiative to SMART and DIGITAL and learning made easy education the institute has registered for SWAYAM. It is a programme initiated by Government of India and designed to achieve the three cardinal



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principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. Every Department are engaging courses under SWAYAM.

I am Really proud to announce that many staff members have completed NPTEL SWAYAM Course during this academic year and two students of SSGBCOET secured Gold Medal in NPTEL course programming in JAVA and Four Secured Silver Medal.

Guest Lectures:

To expand the horizon of knowledge of our students, we regularly arrange Guest Lectures in our college by eminent Industrialist, Entrepreneurs, Educationalist and Professors on Topics of relevance and also from our college alumni's. Apart from this all departments and T& P cell have organized several activities and lectures.

Activities with association to AICTE signed MoUs:

AICTE is implementing various quality initiatives and in this endeavor has already signed Memorandum of Understanding (MoU) with organizations for the benefit of institutions, students, and faculty at large. Recently, AICTE has signed MoUs with some organizations with



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supportive to that college has registered with some of them to improve the standards of technical and to provide competent technical environment. Registration has been made on Youth4Work an online skill test portal and Scholarsmerit a platform to explore talent among students and also some programs for development and Improvement for faculty of institute.

The Faculty:

The success is also due to the combined effort of the teachers whose supreme art is to awaken joy in creative expression and knowledge. We are fortunate to have a cadre of good enough faculty members, well trained, well experienced, dedicated and capable of fulfilling the demands of the growing modern generation of students.

Many Staff members upgraded their qualification out of that remarkable achievement is by Dr.I.D.Paul who have joined Ph.D. group this academic year. Many are on the verge of completing their Ph.D.

We have again published more than 50 papers this year. Apart from this the faculty members of the institution have actively participated in a number of faculty development programs, workshops and seminars, outside the institution during the entire year, to keep abreast of the latest technological developments.

Research:-



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The research is inseparable part of Higher Education. We always encourage our staff to promote their research in different fields. Our college has organized many activities to promote research culture. 06 research scholar from SSGBCOET's Research lab were awarded PhD.

We applied to many organization seeking for research grant and this year we were successful in fetching research grant of six lakh from Dr.Babasaheb Ambedkar Technological University, Lonere , Under the Scheme "DBATU Vice Chancellor's Research Promotion Grants 2023" (DBATU-VC-RPG 2023). Dr.G.A.Kulkarni and Prof.A.S.Bhide of Electronics and Telecommunication Engineering received Three Lakh rupees and Dr.I.D.Paul of Mechanical Engineering with Me received Three Lakh rupees. So This is indeed a matter of proud for all of us.

Technical Associations:

The Technical Associations in all departments organized a number of Programmes to promote the technical and organizational skills of the students. A number of invited talks and symposium were also organized by the Technical Associations. We are having six technical Associations namely TESA, EESA, MESA, CESA, COMPSA and FESA

Some Social Initiatives:

We have arranged tree plantation, Green initiatives awareness program, quiz competition, elocution competition and expert lecture to celebrate "AAZADI KA AMRIT MAHOTSAV". To spread the spirit of Nationalism,



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unity and brotherhood We have started activity of playing National Anthem daily in institute from 26 January 2023.

“Tree Plantation” Programme organized in college campus, Blood Donation Camp in association with Indian Red Cross Society and Gowalkar Blood Bank, “Swach Bharat Campaign” in college campus to create awareness about cleanliness, “Beti Bacho Beti Padhao” movement mime drama, one act play by students in surrounding rural areas for support cause of women empowerment and Save Girl Child.



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