



Annual Report 2022-23





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

Annual Report

2022-23



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

INDEX

SN	Title	
1	Admission Status	
2	Certificate/ Value Added courses	
3	Students Internship /Training	
4	Result of Outgoing Students	
5	Grants Received from government and Non-government Agencies	
6	Industry-led Workshops and Seminars	
7	Research Publication	
8	Extension and Outreach Programs	
9	MoUs / Linkages	
10	Scholarships Offered -Institute and Government	
11	Career Counselling Programs	
12	Training and Placement	
13	Institute Innovation Council	
14	Students qualifying in Competitive Exams	
15	Awards in sports and cultural Activities	
16	Alumni Association	
17	Teaching / Non-teaching Staff attending training Programs	
18	Financial Support Provided	
19	IQAC	

1.Admission Status
Academic Year 2022-23

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.E. First Year Computer Science and Engineering	110124210	60	60
	110124211T (TFWS)	03	03
	110124210 (EWS)	06	06
	110124210(PMSSS / NEUT)	01	03
B.E. First Year Electrical Engineering (Electronics and Power)	110135610	60	60
	110135611T(TFWS)	03	03
	110135610(EWS)	06	06
	110124210(PMSSS / NEUT)	01	00
B.E. First Year Electronics and Telecommunication Engineering	110137210	120	120
	110137211T (TFWS)	06	06
	110124210 (EWS)	12	12
	110124210(PMSSS / NEUT)	01	00
B.E. First Year Information Technology	110124610	60	60
	110124611T (TFWS)	03	03
	110124610 (EWS)	06	06
	110124610 (PMSSS / NEUT)	01	00
B.E. First Year Mechanical Engineering	110161210	60	58
	110161210T (TFWS)	03	02
	110161210(EWS)	06	06
	110161210(PMSSS / NEUT)	01	00
B.E. Direct Second Year Computer Science and Engineering	110124210	06	07
	110124210(EWS)	02	01
B.E. Direct Second Year Electrical Engineering (Electronics and Power)	110135610	06	07
	110135610 (EWS)	02	02
B.E. Direct Second Year Electronics and Telecommunication Engineering	110137210	12	13
	110137210(EWS)	02	02
B.E. Direct Second Year Information Technology	110124610	06	07
	110124610(EWS)	02	01
B.E. Direct Second Year Mechanical Engineering	110161210	06	12
	110161210 (EWS)	02	05
M.E. Electrical Power System	110129210	18	04
	110129210(EWS)	02	02
M.E. Digital Electronics	110134310	18	01
	110134310(EWS)	02	00
M.E. Computer Engineering	110124510	18	01
	110124510 (EWS)	02	00
M.E. Advance Mfg & Mechanical System Design	110190710	18	06
	110190710(EWS)	02	00
Management (MBA)	110110111	60	60
	110110111T (TFWS)	03	03
	110110111(EWS)	06	06
Total		614	552

2. Certificate/ Value Added courses
Academic Year 2022-23

S.N.	Name of Add on /Certificate programs offered	Number of Students completing the course in the year
1	Campus Recruitment Training for BE 2nd year Students	450
2	Campus Recruitment Training for BE 3rd year Students	438
3	Data Science BE 3rd Year Students	9
4	Electric Vehicle	2
5	Full Stack Development	38
6	Training By Persistent System Ltd. Nagpur	35
7	Soft Skill Development	359
8	TCS-Microsoft Business Unit Certification (AZ 900) (SIRIUS)	18
9	TCS-Microsoft Business Unit Certification (PL 900) (SIRIUS)	18
10	Wipro talent Next "JAVA Full Stack" Certificate training BE 3rd year Students	75
11	Certificate Course on Introduction to CNC Technology	28
12	Intro to Graphic design with Photoshop Great Learning Course	1
13	AWS Academy Graduate - AWS Academy Cloud Architecting	9
14	AWS Academy Graduate - AWS Academy Cloud Developing	1
15	Course on Methodologies of Software Testing	110
16	Full Stack Development	120
17	Technical Support Fundamentals by Google Courseera Course	1
18	Microsoft Excel Course	64
19	Accelerated Learning and Development Program	36
20	Workshop on Microcontroller Board design	36
21	Course on "Python Programming for Electrical Engineering"	27
22	NPTEL-Python For Data Science	1
23	NPTEL-Cloud Computing	2
24	NPTEL- Business Analytics and Text Mining Moduling Using Python	1
25	NPTEL-Demystifying Networking	1
26	NPTEL-Programming In Java	5
27	NPTEL-The Joy of Computing using Python	4
28	NPTEL-Data Base Management System	3

29	NPTEL-Programing Data Structures And Algorithms Using Python	1
30	NPTEL- System Design Through VERILOG	1
31	NPTEL- Hardware Modeling Using Verilog	1
32	NPTEL- Embedded System Design with ARM	1
33	NPTEL- Advanced Power Electronics and Control	1
34	NPTEL- Biomechanics of Joints and Orthopedic Implants	1
35	NPTEL-The Joy of Computing using Python	4
36	NPTEL-Programming In Java	1
37	NPTEL- Electric Vehicles- Part I	1
38	NPTEL- Recent Advances in Transmission Insulators	1
39	NPTEL-Cloud Computing and Distributed Systems	3
40	NPTEL-Problem solving through Programming in C	1
41	NPTEL-CMOS Digital VLSI Design	1
42	NPTEL-VLSI Signal Processing	2
43	NPTEL-Introduction To Internet Of Things	1
44	NPTEL-Data Base Management System	1
45	NPTEL- Digital Protection for Power System	2
46	Udemy-Mastering Data Structures & Algorithms using C and C++	1
47	Udemy-Project Development Using Java for Beginners-2023	1
48	Udemy-The complete 2022 Web Development Bootcamp	1
49	Udemy-Learn Data Science, Deep Learning, Machine learning, NLP & R	1
50	Udemy- Beginning C++ Programming- From Beginners to Beyond	1
51	Udemy- Python: Master Programming and Development with 15 Project	1
52	Udemy- Learn C++ Programming- Beginners to Advanced- Deep Dive in C++	1
53	Udemy- C Programming Bootcamp- The Complete C Language Course	1
54	MOOD INDIGO IIT Bombay-Machine Learning	3
55	MOOD INDIGO IIT Bombay-Web Development	1
56	AWS Academy -AWS Academy Cloud Developing	3
57	AWS Academy -AWS Academy Cloud Architecting	3
58	Universal Informatics-C & C++	1
59	Universal Informatics-Python	1
60	Google/ Coursera-Google Data Analytics (8 Courses)	2

61	Google/ Coursera-Google IT Automation with Python (6 Courses)	1
62	GIGASOFT-Full stack development (PHP)	2
63	Microsoft-Microsoft Certified Azure Fundamentals	4
64	Microsoft-Microsoft Certified: Power platform fundamentals	2
65	iNeuron-Full Stack Data Science	1
66	PanTech Soln- MAster Class on ESD and IOT	3
67	RCSAS Edcn- C Programming	1
68	RCSAS Edcn- Core Java	1
69	TeachNook- Machine Learning with Teachnook	1
70	Hunt Computer Academy- Retail Management	1
71	Microspectra- Programming C, C++	1
72	LearnVern- Matlab Programming Course	1
73	LinuxWorld- Fullstack using MERN with Devops Tools	1
74	TechnoPhilia- Automobile & IC Engine Course	1

**3 Students Internship /Training
Academic Year 2022-23**

Sr. No	Program Name	No. of Students undertaking Internships/ Field Work
1	B.E. - Computer Science & Engineering	49
2	BE – Electrical Engineering (Electronics & Power)	107
3	BE – Electronics and Telecommunication Engineering	22
4	BE – Information Technology	22
5	BE – Mechanical Engineering	32
6	MBA-Master of Business Administrator	29
Total		261

4 Result: Final Year Students
Academic Year 2022-23

Sr. No.	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
1	110124210	B.E. Computer Science and Engineering	81	80
2	110135610	BE Electrical Engineering (Electronics & Power)	76	65
3	110137210	Electronics and Telecommunication Engineering	155	141
4	11012461	B.E. Information Technology	77	76
5	110161210	BE Mechanical Engineering	73	63
6	110124510	M.E. Computer Engineering	8	2
7	110129210	ME (Electrical Power System)	2	0
8	110134310	ME Digital Electronics	2	1
9	110190710	ME (Advance Manufacturing and Mechanical System Design)	1	0
10	11010110	Master of Business Administration	61	48



SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi, * Affiliated to Sant Gadge Baba Amravati University, Amravati &
* Approved by the D.T.E., M.S. Mumbai


Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in


Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON

Annual Report of Examination
Academic Year 2022-23

Sr. No.	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1	110124210	B.E. Computer Science and Engineering	81	80	98.76
2	110135610	B.E. Electrical Engineering (Electronics & Power)	76	65	85.52
3	110137210	B.E. Electronics and Telecommunication Engineering	155	141	92.90
4	11012461	B.E. Information Technology	77	76	98.70
5	110161210	B.E. Mechanical Engineering	73	63	86.30
6	110124510	M.E. Computer Engineering	8	2	25
7	110129210	M.E. (Electrical Power System)	2	0	0
8	110134310	M.E. Digital Electronics	2	1	50
9	110190710	M.E. (Advance Manufacturing and Mechanical System Design)	1	0	0
10	11010110	Master of Business Administration	61	48	78.68
Total Count			536	476	88.80


Controller of Examination


Dr. S. B. Somani
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



5. Grants Received
Academic Year 2022-23

Sr. No.	Name of the research project/ endowment	Department	Amount Sanctioned in Lakhs
1	Design & Development of Dimple Tube Honeycomb Cooler	Mechanical Engineering	1.117
2	Modified Seed Sowing Machine	Mechanical Engineering	1.63
3	Design & Development of Solar PV Panel Cleaning System	Mechanical Engineering	0.650
4	Website for Sharma Goods Transport Services	Information Technology	0.1
5	Website for Shree Trading	Information Technology	0.08
6	Website for Creation, Gurukool School Ramgarhwa	Information Technology	0.1
7	Website for Ritesh Honda Bike Showroom	Information Technology	0.05
8	Website for Kohinoor Family Restaurant	Information Technology	0.09
9	Website for Aavishkar Sanskruti & Apang Sanstha Nagpur	Information Technology	0.1
10	Website for PP Media Solution	Information Technology	0.05
11	Tiny Machine Learning Edge Impulse	Electronics & Telecommunication Engineering	0.89 Lakh

6 Industry-led Workshops and Seminars

Academic Year: 2022-23

Sr. No.	Name of the workshop/ seminar/ conference	Number of Participants
1	Orientation Program in Entrepreneurship Development	456
2	Expert Talk “India’s Start-up Ecosystem” by Mr. Shreekant Patil, Founder & CEO, Paramount Enterprises, Nashik.	148
3	Expert talk on “Future & Opportunities For Entrepreneurship Development for Engineer” by Mr.Vikram Ghodke,Director & CEO at Shirodkar Preci Comp Pvt. Ltd	69
4	Expert Talk on " “My Story-Motivational session by Successful Innovators” Mr.Sunil Raithatha MD,Vinod Rai Engg,Pvt Ltd,Jalna.	70
5	Workshop on “Entrepreneurship and Innovation as Career Opportunity”by Dr. Yogesh Kulkarni Executive Director Vigyan Ashram Pabal Pune	100
6	Expert Talk on Start-Ups, by Mr Ganesh Kothwade, Vice President, ABB India Limited	66
7	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development by Mr Nitin Wankhede , Vice President , Value Momentum ,Hyderabad	90
8	Expert Talk on :developing New Age Institution based on Innovation and Entrepreneurship " by Mr Rahul More, Director_Innovation and Strategy Mit Adt University, Pune	55
9	An expert talk on “How to identify Intellectual Property at the early stage of Innovation?”Mr. Piyush Dalke, Assistant Professor, Department of Mechanical Engineering, SSGMCE, Shegaon	65
10	IPR & Technology Transfer Innovation & Design Thinking Entrepreneurship & Startup Pre-Incubation & Incubation Management by Mr. Piyush Dalke, Assistant Professor, Department of Mechanical Engineering, SSGMCE, Shegaon	72
11	Expert Talk Session on “Achieving Problem - Solution Fit and Product – Market Fit” Dr. P. M. Kuchar and Dr. M. A. Dande from Department of Business Administration and Research, SSGMCE	46
12	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer" by Prof Abhijeet Raut , President and Founder of Yashovind , Nagpur	93
13	Webinar on “Business Incubation Process” by Mr. Pratap Shukla. CEO, Innovation and Incubation Centre, Nagpur University	40

14	Expert talk on “THE TELL TALE ENTREPRENEUR” Dr. P. M. Kuchar	77
15	Expert Talk on “Business Tactics In Rural Area by Shriram Lohar, Co -Founder of Oyester	72
16	Orientation Session on IIC 5.0 & Features by Mr Dipan Sahu Asst Innovation Director MoE's Innovation Cell AICTE	15
17	Expert Talk by Young Innovator on Youth Day	60
18	CBCS NEP Executor’s Training Program by Dr Kedar Thosar	80
19	Two-Day Workshop “Power Distribution, Automation and SCADA System” by Mr. Anil Patil (Retired Executive Engineer, MHEDCL)	64
20	Expert Talk on “Affordable and Clean Energy – The New Paradigm of Sustainable Development & Role of Electrical Engineers” by Dr. D.P.Kothari (Former Director, IIT Delhi	120
21	Two days workshop on "Transformer Fundamentals & Testing" by Mr. Sunil Sardey (Former Executive Engineer, MSETCL Nagpur)	55
22	One day Workshop on "Solar Photo-Voltaic System" by Dr. Ajaykumar Damral, SSGMCE	50
23	Seminar on “Boundary layer Theory" by virtual mode by Dr Sagar Agnihotri , Uppsala University Sweden	38
24	Hands-On Training on Block chain by Mr. Sourav Suman Block chain Developer	25
25	A Seminar on "Innovation and Entrepreneurship in Academics" by Dr. Santosh Bothe, Principal, Saraswati College, Shegaon	450
26	Expert Talk, Journey through Einstein’s Brain, by Dr. Mukund Moharir Ex-Scientist, NASA, USA	70

7 Research Publication

Title of paper	Name of the author/s	Name of journal	Department
The Effectiveness of LLMs in Mental Health	Dr. Jaikumar M. Patil	International Journal of Advanced Research in Computer and Communication Engineering, ISO 3297:2007 Certified Impact Factor 8.102 Peer-reviewed / Refereed journal Vol. 12, Issue 4, April 2023 DOI: 10.17148/IJARCCE.2023.124201	Computer Science and Engineering
Literature Review on Replication of Voice Using Deep Learning Technique	Dr. Jaikumar M. Patil	International Journal of Innovative Research in Computer and Communication Engineering, e-ISSN: 2320-9801, , Volume 11, Issue 4, April 2023	Computer Science and Engineering
Study about various latest attacks and vulnerabilities to the web application and implementation of major concerns using new paradigm	Dr. N.M.Kandoi	METSZET JOURNAL UGC-CARE Approved Group 'II' journal	Computer Science and Engineering
An Approach to Predict Nifty Index price using LSTM	Dr. Pankaj K. Bharne	METSZET JOURNAL UGC-CARE Approved Group 'II' journal	Computer Science and Engineering
High capacity reversible data hiding in encrypted images using multi-MSB data hiding mechanism with elliptic curve cryptography	Priyanka V. Deshmukh	Multimedia Tools and Applications https://doi.org/10.1007/s11042-023-14683-9 12 January 2022 / Revised: 27 April 2022 /Accepted: 3 February 2023	Computer Science and Engineering
"Review on Research Possibilities in use of UAV for Plant Protection and Variable Spraying"	S. B. Pagrut	Zeichen Journal,	Computer Science and Engineering
Smart Toll Collection.	Dr.Rupali Anantrao Zamare	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 6, May 2023	Computer Science and Engineering

Voting System using Blockchain Ethereum (dApp)	Dr.Rupali Anantrao Zamare	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 3, Issue 7, April 2023	Computer Science and Engineering
A Review on Enhancing Retrieval Performance of Content Based Image Retrieval System Based on Early and Late Fusion Techniques	V. S. Mahalle	METSZET JOURNAL UGC-CARE Approved Group 'II' journal	Computer Science and Engineering
Image to Image Search	V. S. Mahalle	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 3, Issue 8, April 2023	Computer Science and Engineering
Car-Pooling System (CapX)	V. S. Mahalle	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Computer Science and Engineering
Modelling and installation of grid connected rooftop solar PV system	Dr. Ravindra Pote	International Journal of Advanced Research in Science , Communication and Technology (IJARSCT)	Electrical Engineering
Generation of Single and Multiple Power Quality Disturbances Using Integral Mathematical Models	Dr. Ravindra Pote Umesh Kute Dr. Sunil Kumar	International Journal of Advanced Research in Science , Communication and Technology (IJARSCT)	Electrical Engineering
Detection And Classification Of Power Quality Disturbances In Emerging Power System Using Soft Computing Techniques: A Review	Dr. Ravindra Pote Umesh Kute Dr. Sunil Kumar	International Journal of Creative Research Thoughts (IJCRT) Volume 10, Issue 7 July 2022	Electrical Engineering
Three Phase Grid Connected Inverter for Solar Photovoltaic Systems	Dr. Ravindra Pote	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume 10 Issue VIII August 2022 Impact Factor: 7.538	Electrical Engineering
Generation of power Quality Disturbances Required for the performance Assessment of different Power Quality Monitoring Algorithm using Multiple Approaches	R.S.Kankale S.R.Paraskar S.S.Jadhao	International Journal of Advanced Research in Science , Communication and Technology (IJARSCT)	Electrical Engineering

A statistical Approach to Discriminate the Magnetizing Inrush Current and Internal Fault current of a transformer.	P.R.Bharambe S.R.Paraskar R.S.Kankale S.S.Jadhao	International Journal for Research in applied Science & Engineering Technology (IJRASET)	Electrical Engineering
Making Smart Helmet for Smart City	Dr. A.U.Jawadekar	International Journal of Advanced Research in Science , Communication and Technology (IJARSCT)	Electrical Engineering
Optimization of MEMS-based Energy Scavengers and output prediction with machine learning and synthetic data approach	Kamlesh Kahar, Ram Dhekekar	Sensors and Actuators: A. Physical (Elsevier)	Electronics and Telecommunication Engineering
MEMS based energy scavenger with interdigitated electrodes	Kamlesh Kahar, Ram Dhekekar	Materials Today: Proceedings (Elsevier)	Electronics and Telecommunication Engineering
MEMS-based energy scavengers: journey and future	Kamlesh Kahar, Ram Dhekekar	Microsystem Technologies (Springer)	Electronics and Telecommunication Engineering
Modified restricted Boltzmann machine (mRBM) for denoising of motion artifact-induced MRI scans	Vijay Tripathi, Manish N.Tibdewal, Ravi Mishra	Research on Biomedical Engineering-Springer	Electronics and Telecommunication Engineering
Denoising of motion Artifacts MRI scans using conditional generative adversarial network	Vijay R. Tripathi, Manish N. Tibdewal, Ravi Mishra	Multimedia Tools and Applications-Springer	Electronics and Telecommunication Engineering
Combined Dragonfly and Whale Optimization Algorithm for Cost and Energy Optimization in Resource Allocation and Migration	Amitkumar Manekar	SSRG International Journal of Recent Engineering Science, Volume 10 Issue 3, 17-22	Information Technology
Bulletin Web Application	Poonam Jaikar, Komal Kumbhare, Aayushi Varma, Anagha Deshmukh, Amit Manekar	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 10, Issue 5	Information Technology

Expense Tracker Application using Naive Bayes	Raj Thakare, Ninad Thakare, Raj Sangtani, Shubham Bondre, Amitkumar Manekar	SSRG International Journal of Recent Engineering Science, Volume 10 Issue 3	Information Technology
Python and MySQL-based Transport Management System	Nayan Sonkalyari, Advait Patil, Tiwar Zade, Kaushal Sharma, Amitkumar Manekar	SSRG International Journal of Recent Engineering Science, Volume 10 Issue 3	Information Technology
Design and Development of Android News App	Sarang Suresh Bagade, Atharva Prakash Patil, Mansi Gunwant Bayaskar, Dr. A. S. Manekar	International Journal of Advanced Innovative Technology in Engineering, 2023, 8 (3)	Information Technology
Review of Warehouse Management System	Shreyas Gawande, Ruchita Agrawal, Rutuja Ingole, Prathamesh Akotkar, A. K. Shahade	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 8	Information Technology
Design And Development of Warehouse Management System	Shreyas Gawande, Ruchita Agrawal, Rutuja Ingole, Prathamesh Akotkar, A.K. Shahade	Vidhyayana, Volume 8, Issue 5	Information Technology
Review on Efficient Virtual Education System	A. K. Shahade, Diksha Bhutekar, Harshada Parne, Nikita Patond, Prajeshha Peshattiwar	International Journal of Research Publication and Reviews (IJRPR), Volume 4, No 4	Information Technology
Student's Management Booklet	Aadarsh Kumar, Shreyash Chavan, Vaishnavi Agrawal, Yoshi Nawange, Prof. Anand Sharma	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 2	Information Technology
Cryptocurrency Price Prediction using FB Prophet Model	Prof. A. G. Sharma, Snehideep Raut, Tanmay Band, Aaryan Khanderao	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 3	Information Technology
Restaurant Management System	M. Faizan Khandwani, Pratik Lanke, Pratik Harne, Anuj Sapkal, Adesh Adhao	International Journal for Research in Applied Science & Engineering Technology (IJASET), Volume 11, Issue IV	Information Technology

Literature Review On Restaurant Management System	M. Faizan Khandwani, Pratik Lanke, Pratik Harne, Anuj Sapkal, Adesh Adhao	International Research Journal of Modernization in Engineering Technology and Science, Volume:05, Issue:05	Information Technology
Survey of Bike Showroom Management System	M. Faizan Khandwani, Pratiksha Narwade, Shivangi Kale, Shubhangi Mapari, Vaishnavi Gawande	International Journal of Innovative Research in Computer and Communication Engineering, Volume 11, Issue 4	Information Technology
Bike Showroom Management System	M. Faizan Khandwani, Pratiksha Narwade, Shivangi Kale, Shubhangi Mapari, Vaishnavi Gawande	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 7	Information Technology
Analysis of Accelerometer Applications	Gauri Sawarkar, Maithali Kulkarni, Sayali Marathe, Anuja Thakare, Prof. Sagar Padiya	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 6	Information Technology
Machine Learning and IoT Applications in Agriculture	S. D. Padiya, Atharva Raut, Bhavy Mittal, Mayur Patel, Vedant Polshettiwar	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 6	Information Technology
Crop prediction and fertilizer recommendation system using machine learning and IoT	Atharva Raut, Bhavy Mittal, Mayur Patel, Vedant Polshettiwar, Prof. Sagar Padiya	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 7, Issue 4	Information Technology
Human Detection in Surveillance Video	Ajay Dandge, Ajit Patil, Mayur Nehare, Hrushikesh Shukla, Prof. Pallavi Bute	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 7, Issue 5	Information Technology
Design and Development of Ecommerce Website	Shruti Kalaskar, Pratiksha Dalimkar, Dhanashree Shegokar, Sudhir Ghagare, Prof. S. N. Khandare	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 6	Information Technology
Design and Development of Variable Flow of Pesticide Sprayer for Agriculture Purpose	Prof.C.V.Patil	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Mechanical Engineering

Design and development of Multipurpose Agriculture Equipment	Prof. N.B.Borkar	International journal of advanced research in science, communication, and technology	Mechanical Engineering
Effect of Rectangular Fins on Heat Transfer Characteristics of Domestic Cookware	Prof.S.P.Joshi	International Journal of Heat and Technology	Mechanical Engineering
Comparison of Conventional And Microwave-Assisted Synthesis Of 3-Thio-4-Aryl-5-Phenylimino-[1,2,4]-Dithiazolidines	Dr. Rajesh M. Kharate	International Journal of Modern Pharmaceutical Research	Applied Sciences & Humanities
Ag-Nb2O5: Synthesis, Characterization and Ethanol Selective Sensitivity Measurements	Dr.A.S.Tale	Zeichen Journal	Applied Sciences & Humanities
A Study Of Self-Help Groups And Women Empowerment In A Rural Area Of The Akola Region	Puja Awatirak Dr. S. M. Mishra	Rabindra Bharati Journal of Philosophy	MBA
Prospect Of Financial Inclusion Of Rural Customers-A Study Of Lanjud Village	Priya Dhomode Dr. S. M. Mishra	Rabindra Bharati Journal of Philosophy	MBA
Impact Of Stress On Employees Behavior In Organization - A Study of Khamgaon Region	Vaishnavi Sahu Dr. S. M. Mishra	---	MBA
Systematic Study On Attrition Of Workers Of Unorganised Sector In Khamgaon Region	Madhuri Chandwani Dr. S. M. Mishra	Rabindra Bharati Journal of Philosophy	MBA
Comparative analysis of key players in dairy industry – A study of Khamgaon region	Hari Mohan Jha Bidyarathi and Ku. Prachi Lalit Pande	Technix International Journal of Engineering Research	MBA

Comparative Analysis of the Financial Performance of Select Public Sector and Private Sector Banks from 2017 - 2022	Ishan Sandip Shah and Hari Mohan Jha Bidyarthi	Ishan Sandip Shah and Hari Mohan Jha Bidyarthi	MBA
A Comparative Study of Select Insurance Companies and their Products in Buldhana Region	Hrutik Shah and Hari Mohan Jha Bidyarthi	International Research Journal of Modernization in Engineering Technology and Science	MBA
A Study of Consumer Behavior for Insurance Policies in Buldhana Region	Mahesh Gawande, Hari Mohan Jha Bidyarthi and Wechansing Suliya	Mahesh Gawande, Hari Mohan Jha Bidyarthi and Wechansing Suliya	MBA
India Post Payments Bank – Problems and Prospect in Akola Region	Hari Mohan Jha Bidyarthi and Gaurav M. Deshmukh	International Journal of Advanced Research in Arts, Science, Engineering and Management,	MBA
A Study of Marketing Strategy of Maharaja Masala Udyog in Buldhana District	Hari Mohan Jha Bidyarthi and Rahul Baban Chunekar	International Research Journal of Modernization in Engineering Technology and Science	MBA
Dimensions Of Work From Home Culture- A Study	Hari Mohan Jha Bidyarthi and Ku. Komal Deolal Ghyare	International Journal Of Advance & Applied Research	MBA
An Analysis Of Buying Decision For Electric Two Wheelers -A Study Of Vidarbha Region	Dr. Laxmikant B. Deshmukh, Ku. Shivani Gautam Damodar	International Journal of Advance Research in Arts, Science, Engineering & Management	MBA
Distribution Analysis Of Agro Business Marketing In Vidarbha Region	Dr. Laxmikant B. Deshmukh, Rohit Gajanan Shekokar	International Journal of Advance Research in Arts, Science, Engineering & Management	MBA
Critical Analysis Of Petroleum Swap Of Oil Giants In Maharashtra	Dr. L. B. Deshmukh	International Journal of Innovative Science and Research Technology	MBA

A Study On Consumer Behaviour Towards Purchase Decision Of Bajaj Two Wheelers Bikes With A Special Reference To Tirupati Bajaj Showroom Pvt.Ltd In Akola City	Tushar Makode Dr. L. B. Deshmukh	International Research Journal Of Modernization in Engineering Technology and Science	MBA
Perception About Mobile Banking – A Study Of Buldhana Region	Dr. Pavan .M. Kuchar*1, Avinash Shrikrushna Bochare*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
A Study Of Socio - Economic Impact Of Road Traffic Congestion In Nandura	Dr. Pavan Kuchar*1, Ku. Dipali Onkar Jawkar*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
Employee Participation In Management: A Study Of Implications On Employee’S Performance And Organisational Productivity Wrt Work From Home Employees	Dr. Pavan Kuchar*1, Ku. Juie Ulhas Sakalkale*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
Havmor And Top And Town Customer Preference Towards Icecream In Malkapur Region	Kapil S. Talreja*1, Dr. Pavan Kuchar*2	TIJER - INTERNATIONAL RESEARCH JOURNAL	MBA
Impact Of Social Media On Youth’S Social Life And Buying Behaviour - A Study Of Khamgaon Region	Krutika Dhananjay Kulkarni*1, Dr. Pavan M. Kuchar*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
Servqual: An Analytical Study Of Public And Private Hospitals In Buldhana District	Pavan R. Jadhav*1, Dr. P.M. Kuchar*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
Espousal Of Digital Banking Services And A Study Of Customer Satisfaction In Akola	Pournima Subhash Gawali*1, Dr. Pavan Kuchar*2	International Research Journal of Modernization in Engineering Technology and Science	MBA
Adoptability of Digital Marketing by the Retailers in Shegaon Region – A Study	Dr. Pavan M. Kuchar, Vitthal Arun Tale	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	MBA
To study the impact of covid on investment planning of woman employee	Ayush Bhutada Dr. S. M. Mishra	International research journal of modernization in engineering technology and science	MBA
Study of GST and its impact on manufacturing industry	Darpan Rathi Dr. S. M. Mishra	TIJER - International Research Journal	MBA

A Study Of Brand Switching In Case Of Of Smartphone.	Swapnil Bondre Dr. S. M. Mishra	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	MBA
Changing The Scenario- An Enquiry Into Couples At Work	Dr. Mayur A. Dande ¹ , Dr. Pavan M. Kuchar ² , Dr. Satya Mohan Mishra ³	International Journal of Advance and Applied Research	MBA
Rejuvenation of non-profits through idealism	Dr. Satya Mohan Mishra ¹ , Dr. Mayur A. Dande ² , Dr. Pavan M. Kuchar ³	International Journal of Advance and Applied Research	MBA
Accelerating Family Businesses- A case of Treasure Trove “Khandelwal Jewelers”	Dr. Pavan M. Kuchar ¹ , Dr. Satya Mohan Mishra ² , Dr. Mayur A. Dande ³	International Journal of Advance and Applied Research	MBA
Effective Recruitment Processes For Effective Organizational Culture - A Study	Prof. Wechansing Zyamsing Suliya ¹ , Ku. Gauri Yogesh Chikte ² & Dr. Mayur Anil Dande ³	International Journal of Advance and Applied Research	MBA
A Study Of Satisfaction Of Teachers Is Need For Better Learning Culture	Prof. Wechansing Zyamsing Suliya ¹ , Ku. Nikita Gopal Jadhav ² & Dr. Mayur Anil Dande ³	International Journal of Advance and Applied Research	MBA
A Study of Marketing Mix Strategies of FMCG Products in Rural Market with Special Reference to Amaravati District	AMIT NANDKISHOR BHANGE, PROF. M.A. DANDE	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	MBA
“Expanding Knowledge Horizons- A Study Of Social Media With Reference To Farmers”	Dhanashri V. Waghole ¹ , Dr. Mayur A. Dande ²	International Journal of Creative Research Thought	MBA
Predicting Consumer Behaviour- An Enquiry Of Domestic Water Purifiers Market	Girish M. Sathe, Dr. M.A. Dande	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	MBA
A Study Of Customer Satisfaction In Banking Industry With Special Reference To Private Sector Bank In Buldhana District	Jyotsna Dilip Hiwale ^{*1} , Dr. Mayur A. Dande ^{*2}	International Research Journal of Modernization in Engineering Technology and Science	MBA
Invigorating Inherent Capacities- A Study Of Womanhood And Small Scale Businesses	Prerana S. Sonankar ¹ , Dr. Mayur A. Dande ²	International Journal of Creative Research Thought	MBA
A Comparative Study Of Customers Perception Regarding	Surekha Gajananrao Sarnaik ^{*1} , Dr. M. A. Dande ^{*2}	International Research Journal of Modernization in Engineering Technology and Science	MBA
A Deep Analysis Of Motivation For Study And	Wechansing Suliya, Ku. Divya Phopse	International Journal of Multidisciplinary Research in	MBA

Work Amongst Students Of Management		Science, Engineering, Technology & Management (IJMRSETM)	
A Need Analysis Of Competency Mapping For Improvement In Effectiveness And Culture Of Organization	Wechansing Suliya*1, Ku. Purva Fuse*2, Dr. L.B. Deshmukh*	International Research Journal of Modernization in Engineering Technology and Science	MBA
'Mutual Entrepreneurship Model' – The Approach Of Rural And Economic Development For Rural Nimad Region, Madhya Pradesh	Wechansing Suliya and Dr.G.S.Gaikwad	International Journal Of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)	MBA
A Training Manual Is An Effective Tool For Training And Development	Wechansing Suliya*1, Ku. Revati Lokhande*2, Dr. L.B. Deshmukh*3	International Research Journal of Modernization in Engineering Technology and Science	MBA
Employee Engagement- A way of sustainable Productivity	Wechansing Suliya*1, Ku. Vaishnavi Khandare*2,	Internal Journal of multidisciplinary research in science, engineering, Technology and Management(IJMRSETM)	MBA
Effective recruitment process for effective organizational culture	Wechansing Suliya*1, Ku. Gauri Chikte*2,	International Journal of Advanced Applied Research(IJAAR)	MBA
An explorative study of significant impact training and development for better career and performance at workplace	Wechansing Suliya*1, Harish Kodape*2	International Advanced Research Journal in Science, Engineering and Technology (IARJSET)	MBA
NEP 2020 can revolutionize the scenario of the educational Industry- Pros and Cons	Vishal V. Patil Dr. Mukul Burghate	IJCAMS	MBA
Digital Transformation of the Banking Sector in Rural India lessons from Shegaon	Ku. Nisha J. Hage, Vishal V. Patil	IJMRSETM	MBA
Exploring the Factors Influencing Career Choice and Motivation of Students in the Transition Phase of Education	Kartik Rahane, Vishal V. Patil	IJMRSETM	MBA
A study of Financial Analysis with Reference to Visaka Industries, Ltd. Mouda, Nagpur, For the year 2019 to 2020	Prathamesh Domale, Vishal V. Patil	IJMRSETM	MBA
Enhancing organisation performance through effective human resource management: A case study of vikamshi fenbrics Pvt.Ltd.	Gayatri S. Shelkar, Vishal V. Patil	IJMRSETM	MBA

Knowledge Management And Human Resource Management Practices In It Sector A Study On Selected It Companies	Dr. R. Sabitha, Shail Bains, Dr. Suman R. Barman, Vishal V. Patil	KOREA REVIEW OF INTERNATIONAL STUDEIS	MBA
A Study Inclination Of Stakeholders Towards Equity Based Mutual Fund In Akola Region	Rushabh sardeshmukh Prof.Bilal Husain	IJARASEM	MBA
A Study on Satisfaction Level of Employees with Special Reference to Shivangi Bakers Private Limited (Parle-G Biscuit Company) Khamgaon	Prof. Bilal Husain, Kamlesh Santosh Umbarkar	International Journal of Research Publication and Reviews	MBA
Competitive analysis of organizations involved in networking services	Mr. Vishal Isal , Mr. Bilal Husain	International research journal of modernization in engineering technology and science	MBA
“A Study On Investment Behavior Of Students Pursuing Higher Education With A Special Focus On Engineering Students In Amravati”	Renuka Vinod Wankhade, Bilal T. Husain	International Research Journal of Modernization in Engineering Technology and Science.	MBA
A Study On Investment Pattern Of Investor In Gold With Special Reference To Middle Class People	Ayush Sunilkumar Saraph, Bilal T Hussain	International Research Journal of Modernization in Engineering Technology and Science	MBA
A Study on Stress Management Techniques of Labours With Reference to Paras Thermal Power Station	miss. Pooja Ingle Dr. Bilal Husain	IRJMETS	MBA
A Study On Understanding Customer Satisfaction level regarding E-Money in Karanja Region.	Mr. Kishor Chavhan. Prof.Mr. Bilal Husain.	International Research Journal of Modernization in Engineering Technology and Science.	MBA
A Study of the factors influencing the decisions of the investors to invest in SIP of the Buldhana Region	Yogesh Katre, Prof Bilal Husain	International Journal of Scientific Research and Engineering Development	MBA

SN	Name of the Teacher	Title of the book/chapters published	Title of the paper	Department
1	Prof K.P. Sable	-	Online Examination Proctoring System Using Artificial Intelligence	Computer Science and Engineering
2	P.R.Bharambe Dr.S.R.Paraskar Dr.S.S.Jadhao	-	A Novel algorithm for discrimination of the magnetizing inrush current and internal fault current of a transformer using Teager Energy Operator and Artificial Neural Network	Electrical Engineering
3	R.S.Kankale Dr.S.R.Paraskar Dr.S.S.Jadhao	-	Development of wavelet and ANN based algorithm in labview environment for classifying the power quality disturbances.	Electrical Engineering
4	Dr.A.U.Jawadekar	-	Enhancing performance of hybrid electric vehicle using optimized energy management methodology	Electrical Engineering
5	Dr.S.R.Paraskar	-	Review on control Technique of DC-DC Cuk Converter for Various Application	Electrical Engineering
6	R.S.Kankale Dr.S.R.Paraskar Dr.S.S.Jadhao	-	Classification of power quality disturbances using the unique combination of Hilbert transform image processing and K nearest neighbor	Electrical Engineering
7	Mukesh Chavan Dr. A.U.Jawadekar	-	PCA and ANN Based Induction Motor Fault Classification	Electrical Engineering
8	Mr. B.S.Rakhonde Dr. Chetan Khadase	Nature Inspired Algorithm for Optimization and Engineering Design	Open CV and MQTT Based Intelligent Traffic Management System	Electrical Engineering
9	M.N.Tibdewal	-	Comparison of different denoising networks on motion Artifacted MRI scans.	Electronics and Telecommunication Engineering
10	Swapnil P. Badar; Kamalesh Khanchandani	-	Successive Cancellation Polar Decoder Implementation using Processing Elements	Electronics and Telecommunication Engineering

11	Swapnil P. Badar; Kamalesh Khanchandani	-	Fast Polar Decoder Implementation using Special Nodes	Electronics and Telecommunication Engineering
12	Mrs. K. S. Vyas / Ms. A. A. Deshmukh	-	A Survey paper on Blockchain Technology and Consensus Algorithms	Electronics and Telecommunication Engineering
13	M.N.Tibdewal	-	Design and Implementation of Smart Water Level Indicator and Valve Controller	Electronics and Telecommunication Engineering
14	Dr.D.D.Nawgaje	-	Smart Multilevel Car Parking System	Electronics and Telecommunication Engineering
15	Dr.D.D.Nawgaje	-	Application of Deep learning algorithm in detection of Diabetic Retinopathy	Electronics and Telecommunication Engineering
16	Kamlesh Kahar	-	Micro Scale Energy Scavengers for low power applications in Rural Areas	Electronics and Telecommunication Engineering
17	Kamlesh Kahar	-	Vehicle safety systemfor blind spot and Hilly areas	Electronics and Telecommunication Engineering
18	Dr. Amitkumar Manekar	-	Comparative Analysis of Nature-Inspired Meta- Heuristic Optimization Algorithm	Information Technology
19	Dr. Amitkumar Manekar	-	Survey Of Particle Swarm Algorithm To Optimize Energy In Modern Data Centers	Information Technology
20	Dr. Amitkumar Manekar	-	Machine Learning Based Expense Tracker Application For Personal Finance Management	Information Technology
21	Dr. Amitkumar Manekar	-	Optimizing Diabetic Retinopathy Detection in Type-2 Diabetes Patients.	Information Technology
22	Prof.M.B. Bhambere	-	Comparative review on conventional and recently developed perforated fins for heat transfer enhancement	Mechanical Engineering
23	Prof K.V.Chandan, Prof N.G.More	-	A Solar Tracking Feasibility Study for Developments in Solar Tracking System	Mechanical Engineering

24	Vaishnavi Sahu Dr. S. M. Mishra	-	Impact Of Stress On Employees Behavior In Organization	Master of Business Administration
25	Dr. B T Husain & Dr. M. A. Dande	Educational Reforms in the Modern World- Volume 2	Effective Innovative Academia And Industry Partnerships To Promote Higher Education With A Special Focus On Management Institutes In India	Master of Business Administration

8 Extension and Outreach Programs

Academic Year 2022-23

Sr. No.	Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme
1	Shivswarajya Din Sohala 06/06/2022	NSS SSGMCE Shegaon	NSS, SGBAU, Amaravati
2	Amrutmahotsav (Har Ghar Tiranga) between 11 th to 17 August 2022 .	NSS SSGMCE Shegaon	NSS, SGBAU, Amaravati
3	Blood Donation Camp on 09/12/2022	NSS and HDFC Bank	NSS, SGBAU, Amaravati
4	Covid 19 Vaccination Camp on 20/12/2022	NSS SSGMCE Shegaon	NSS, SGBAU, Amaravati
5	Unemployment Sarve Karyashala on 28/04/2023	NSS and SGBAU Amaravati	NSS, SGBAU, Amaravati
6	Health Check up Camp on 14/03/2022	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
7	Samajik Udbodhan karyakram (Rizwauddin Patel) 14/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
8	Cleanliness Drive (14/03/2022)	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
9	Tree Plantation Drive on 15-03-2023 (50 Tree)	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
10	Road Safety Abhiyan on 15/03/23	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
11	Health Checkup Camp on 16/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
12	Benefits of Solar and Biogas on 16/03/2023 (Dr. Ajaykumar Damral)	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
13	Speech and Drama Competition on 16/03/23	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
14	Animal Health Checkup Camp on 17/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
15	Robotics and its functions for school Students on 17/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
16	Cyber Security and Cyber Crime Abhiyan on 17/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati

17	Shetivishayak Margadarshan on 17/03/2023 By Dr. Santosh Bothe Sir	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
18	Woman Health Checkup Camp on 18/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
19	Zero Waste Management on 18/03/2023	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
20	Balsanskar Class : 13/03/23 to 19/03/23	NSS and Adopted village (Chincholi)	NSS, SGBAU, Amaravati
21	One Day Workshop On "Electronics Equipments and Their Applications" for SSGM school students	EXTC, SSGMCE Shegaon	Community Development and Extension Services
22	Deaprtmental Visit and orientation about electronics engineering of Z. P. High School Pimpalgaon Kale students and Teachers	EXTC, SSGMCE Shegaon	Community Development and Extension Services
23	Two days workshop on Computer Fundamentals & its application for Students of Indira Gandhi High School Shegaon	Department of Information Technology, SSCMCE shegaon	Community Development and Extension Services
24	Two days wokshop on Web designing for Students of Indira Gandhi High School Shegaon	Department of Information Technology, SSCMCE shegaon	Community Development and Extension Services
25	Cleanliness Drive and Digital Awareness Campaign	NCC , SSGMCE, Shegaon	NCC
26	Two Days program conducted for students of Junior college ,Shegaon	Applied Science and Humanities Department, SSGMCE Shegaon	Community Development and Extension Services
27	STEM workshop on Basics of Electronics for School students	Students Activities Committee, IEEE Bombay Section SSGMCE Shegaon	Community Development and Extension Services
28	three days training Program on “Two Wheeler EV Assembly” for First Year Students of “Government ITI Khamgaon , Dist- Buldhana	Electrical Engineering Department, SSGMCE Shegaon	Community Development and Extension Services

9 MoUs / Linkages
Academic Year 2022-23

Sr. No.	Activity	Name of the collaborating agency/ institution / industry/ corporate house
1	MoU	Adani Dahanu Thermal Power station, Dahanu, Dist-Palghar
2	MoU	Expert Global Solutions Pvt. Ltd., Aurangabad
3	MoU	Endress Hauser Automation Instrumentation Pvt Ltd Aurngabad
4	MoU	Lyceum of the Philippines University, Laguna Campus
5	MOU	Leben Life Sciences Pvt Ltd, Akola
6	MoU	ApxaIQ Technologies Pvt. Ltd and SGIARC-TBI Foundation
7	MoU	BASE Education, Jalgaon-425001 (M.S.)
8	MoU	S&K Associates, Nashik –422401, Maharashtra
9	MoU	ExcelR Solutions
10	MoU	Mitu Skillologies, Pune
11	MoU	Bharat Software Solutions, Pune
12	Linkage	Capabl, Pune
13	Linkage	Wipro Limited, Bangalore
14	Linkage	Persistence Systems Limited Nagpur
15	Linkage	Tata Consultancy Services and Microsoft Business Unit, Pune

10 Scholarships Offered -Institute and Government

Academic Year 2022-23

Name of the scheme	Number of students	Amount (Rs)
Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulk Shishavrutti Yojna(EBC)	278	13802423.00
Scholarship for students of minority communities pursuing Higher and	3	75000.00
Post Matric Shholarship to OBC Students	643	13058048.00
Post Matric Shholarship to SBC Students	16	507729.00
Post Matric Shholarship to VJNT Students	130	8725120.00
Tution Fees and Examination Fees to OBC Students	221	7734867.00
Tution Fees and Examination Fees to SBC Students	10	362778.00
Tution Fees and Examination Fees to VJNT Students	59	4408443.00
Government of India Post-Matric Scholarship	168	6231252.00
Post-Matric Tution Fee and Examination Fee (Free ship)	54	4525696.00
Post Martic Scholarship Scheme (Government of India)	38	2924969.00
Tuition Fee and Exam Fee for Tribal Students (Free ship)	18	1076899.00
Total	1638	63433224.00
Name of the scheme	Number of students	Amount (Rs)
Merit Scholarship (Hon'ble Shri Shankar Kaka Pandit)	190	259918.00
Donor's Scholarship	82	165610.00
Award of GATE Scorer(Sponsored)	7	8000.00
Best Project Award (Sponsored)	56	9000.00
Fee Concession	4	248209.00
Hostel and Mess Waiver	18	738000.00
Mess Waiver	2	32000.00
Hostel Waiver	2	50000.00
Total	361	1510737.00

11 Career Counseling Programs

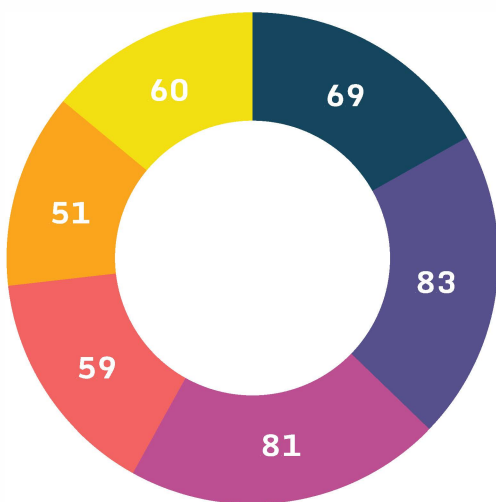
SN	Name of the Activity	Number of students attended
1	An Offline Session on "How to Prepare for Civil Services Examinations?" by Mr. G. SHREEDHAR (IPS), SupeB5:B15rintendent of Police, Akola on 20/08/2022	83
2	A Session on "HOW TO PREPARE FOR MPSC/ UPSC CIVIL SERVICES" by Mr Ankush Makode, Career Counsellor, Competitive Examinations, Unique Academy, Akola on 03/12/2022	30
3	A Webinar on "Career Opportunities in PSUs" by Dr Mukesh Biswas, IIT Kharagpur Alumni, Sr. HR Manager, Director General of Hydrocarbons, NOIDA on 23/07/2022	183
4	A Webinar on Career Guidance on "Civil Service Examinations" by Dr Vishal Bedurkar, Finance and Accountant Officer, Government of Maharashtra, and Founder of Dnyanjyoti Education, Pune on 30/07/2022	64
5	A Webinar on "Career Opportunities for Engineers in Defence Research" by Mr. Devendra Meshram, (MS, IIT Madras) Scientist and Head of Structural Research, DRDO, Bengaluru on 13/08/2022	94
6	An Expert Talk on "Future Career Prospects in Core Industries" by Mr Manoj Shirodkar, MD, Shirodkar Precision Components Pvt Ltd, Pune and Mr Ashutosh Deuskar, Director, VDA Info solutions Pvt Ltd, Pune on 15/09/2022	120
7	A Webinar on "CAREER OPPORTUNITIES AFTER ENGINEERING" by Mr Arjun Chhabra, Faculty Member at ACE, Pune (5 times GATE Qualified) on 10/12/2022	100
8	A Career Guidance Session by Indian Airforce Nagpur, on IAF Direct Contact Programme on 4th and 5th August 2022	345
9	A Guidance Session on "CAMPUS TO CORPORATES" by Shri Ashok Jambur, Former Chief General Manager, Indian Oil Corporation Limited on 28/12/2022	300
10	Career Guidance on Need of Personality Development in Career for 1st year Students Dr Kalindi Bhat, Pune	380
11	online Webinar on "Career Opportunities for Electrical Graduates & Importance of GATE" by Mr. Ramesh Pabba (B.E., M.Tech., Ph.D., Senior Faculty at ACE Engineering Academy, Hyderabad).	115
12	Guidance session for Torrent Power Placement Drive" by Mr. Tushar Hingne and Ms. Komal Chngal (GET, Torrent Power)	25
13	Workshop on "Entrepreneurship and Innovation as Career Opportunity" by Dr. Yogesh Kulkarni Executive Director Vigyan Ashram Pabal Pune	100
14	Expert Talk on Entrepreneurship Mindset - Skill, Attitude and Behaviour Development by Dr. Nilesh Ubarhande (Deshmukh) Management Consultant, and Industrial Psychologist Freelance Poet, Writer in "Smart Udyojak"	31
15	Expert Talk on "Career Opportunities for Youth" Mrs. Pranjali Baraskar, Asst. Commissioner, Dept. of Employment, Entrepreneurship and Innovation, Buldhana	64
16	Seminar on "EV for beginners, carrier and research opportunity" by Nishikant Deshpande , VNIT Nagpur	51

17	Seminar on “Expectation of engineers from Industry”by Jagdish Wadhokar Director Anusaya Auto Press Parts Pune	50
18	Seminar on “Opportunities for Core Engineering Students in power sector”by Chief Superintendent , NPCL Kakrapur, Gujrat	40
19	Expert Talk on , " Why Education isn't Educating" by Dr Uday Nawalkar , Principal ,Parvekar College Yavatmal	69
20	Expert Talk on "Career Opportunities for Engineers in PSU " by Mr. Ranjan Kumar, HR Manager, MECON Ltd., (PSU)	450
21	Expert Talk on "Role of Education in the 21 st Century" by Mr. Anup Agrawal Chief Business Officer, Akash_Byju's/Growth Strategy Expansion, New Delhi	450
22	TCS-Microsoft Business Unit Certification (AZ 900 & PL 900) Guidance for BE 3rd year Students by Mr. Hrishikesh Saragdhara	362
23	Expert Talk on Employability skills	39
24	Expert Talk on SAP and its future	41
25	Seminar on Career in financial institutions	18
26	Expert Talk on Mapping competency with career	21
27	Seminar on Career in Data Analytics	32
28	Orientation and Career Guidance to First year students	100
29	Career Guidance Program for Electronic Students by Mrs Manjusha Dharmadhikari , Senior Manager, INTEL	27

Placement Record

(2022-23 Pass Out batch)

Sr. no.	Department	No. of Offers
1.	Computer Science & Engineering	69
2.	Electronics & Telecommunication Engineering	83
3.	Mechanical Engineering	81
4.	Electrical Engineering (Electronics & Power)	59
5.	Information Technology	51
6.	Master of Business Administration	60
TOTAL NUMBER OF OFFERS		403



- Computer Science & Engineering
- Electronics & Telecommunication Engineering
- Mechanical Engineering
- Electrical Engineering (Electronics & Power)
- Information Technology
- MBA



INSTITUTION'S INNOVATION COUNCIL (IIC)

SSGMCE has established Institution's Innovation Council (IIC) as per the guidelines of 'MoE's Innovation Cell (MIC)' to create a vibrant local innovation ecosystem, Start-up supporting Mechanism, Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas and Develop better Cognitive Ability for Technology Students. SSGMCE-IIC is actively involved in organizing and conducting seminars, workshops, field trips, project exhibitions, entrepreneurship boot camps, Idea competitions etc.

Objectives of IIC

- Students/Faculty associated with IICs will have exclusive opportunity to participate in various Innovation related initiatives and competitions organized from institution level to international level.
- Win exciting prizes/Certificates every year.
- Meet/Interact renowned Business Leaders and top-notch academicians.
- Opportunity to nurture and prototype new ideas.
- Mentoring by industry Professionals.
- Experiment with new technologies
- .Visit new places and see new culture.

Functions of IICs

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.

- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

Quarter:- Quarter I

Type:- IIC Calendar Activity

ACTIVITY	DATE
Workshop on "Entrepreneurship and Innovation as Career Opportunity	26/11/2022
Inter/Intra Institutional Idea Competition/Challenge/Hackathon	30/11/2022
Reward Best Ideas - Manage through YUKTI-NIR	30/11/2022
Exposure and field visit for problem identification	28/11/2022
Motivational Session by Successful Innovators	16/11/2022
Motivational Session by Successful Entrepreneur/Start-up founder	19/11/2022

Quarter:- Quarter I

Type:- Celebrations Day

OCCASION	DATE
National Education Day	11/11/2022

Quarter:- Quarter I

Type:- MIC driven Activity

ACTIVITY	DATE
Launch of 5G services	1/10/2022

Quarter:- Quarter II

Type:- Celebrations Day

OCCASION	DATE
National Startup Day	16/1/2023
National Youth Day	12/01/2023
National Science Day	28/02/2023
National Energy Conservation Day(India)	14/12/2022

Quarter:- Quarter II

Type:- IIC Calendar Activity

ACTIVITY	DATE
Inter/Intra Institutional Innovation Competition/Challenge/Hackathon	14/1/2023
Reward Best Innovations - Manage through YUKTI-NIR	14/1/2023
Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer	27/2/2023
Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.	21/02/23
Session on Achieving Problem-Solution Fit & Product-Market Fit	24/02/2023
Workshop on Entrepreneurship Skill, Attitude and Behavior Development	21/02/23

Quarter:- Quarter II

Type:- MIC driven Activity

ACTIVITY	DATE
Orientation Session on IIC 5.0 & Features	11/01/2023
Leadership Talk with Prof. T. G. Sitharam, Hon'ble Chairman, All India Council for Technical Education (AICTE)	30/1/2023

Action Plan & Scheduled Activities

Conduct an orientation-cum-mentoring session for ATL Schools

ACTIVITY	DATE	VENUE
Orientation program ATLS Tinkering Labs of Institution's Innovation Council (IIC).	27-03-2023	Jawahar Navodaya Vidyalaya, Shegaon Dist Buldana.
Exposure Visits: One Day Exposure visit by School students to IIC Institute and Interaction with Institute Student Innovators	27-03-2023	SSGMCE SHEGAON MAHARASTRA
Orientation-cum-mentoring session for ATL Schools.	17-04-2023	SHIVAJI MULTIPURPOSE HIGHER SECONDARY SCHOOL AMRAVATI (M.S)

14 Students qualifying in Competitive Exams

Academic Year 2022-23

Sr. No.	Name of Student	Qualifying Exam
1	Gaurav Santosh Bansod	GATE
2	Rushikesh Raghunath Patil	GATE
3	Komal Subhash Kumbhare	GATE
4	Rudransh Santosh Nemade	GATE
5	Lokesh Premkumar Chandak	GATE
6	Abhishek Vijay Tiwari	GATE
7	Krushna Sunil Thakare	GATE

15 Awards received in sports and cultural Activities

Sr. No.	Name of the Student	Name of the award/ medal	University / State / National / International	Sports / Cultural
1	Naveen Tiwari	Second rank in Aerbics & Mini Artistics Gymnastics State Selection Trials	State Level	Sports
2	Naveen Tiwari	State Gymnastics Aerobics Championship	State Level	Sports
3	Priya Diwale	State Gymnastics Aerobics Championship	State Level	Sports
4	Jayashri Shetye	Bronze in Asian Pincak Silat Championship	National Level	Sports

Schedule

14th January, 2023



15th January, 2023

Alumni Faculty Student Interaction

15th January, 2023
Sunday

Venue: New Auditorium

Time: 10:00 Am to 1:00 PM

Program 1. Startup Incubation - Mentorship and Angel Investment

Program 2. R&D - Govt., Industry, Individual Projects which Alumni can bring to college.

Program 3. Placements - Internship and employment opportunities tie-ups.

Program 4. Collaborations - Once facilitated by Alumni, Tie-ups can help college and students year on year on an ongoing basis.

Grand Alumni Meet 2023

SSGMCE, Shegaon organizes the Grand Alumni Meet at its campus every year. The objective of the meet is to connect to alumni and invite them at the campus for sharing their expertise for the development of the student community. Till today the institute organized 23 alumni meet overall and this was the seventh consecutive meet at the campus.



Pre - Planning Alumni Meet 2023

Promotion was done through :

- Bulk SMS
- E-Mail
- Promotional Posters and Videos
- Phone Calls

Promotional Posters

SSGMCE SHEGAON

ALUMNI ASSOCIATION

ALUMNI MEET

A million feelings
A thousand thoughts
A hundred memories
College life!

14TH JANUARY | SATURDAY
2023

REGISTER NOW
alumni.ssgmce.ac.in

Registration Kit



Shri Sant Gajanan Maharaj College of Engineering, Shegaon

SSGMCE, Shegaon Invites you to
Alumni Meet 2023
Come & Reconnect

Relive the golden moments, catch up with old batch-mates, teachers, & memories of the days gone by!!

Saturday | January 14, 2023
To Go SSGMCE, Shegaon

REGISTER NOW
alumni.ssgmce.ac.in

SSGMCE SHEGAON

SSGMCE SHEGAON Invites you to
Alumni Meet 2023
Come and Reconnect

College Ends But Memories Last Forever.
Feel Them Once Again!

Saturday | 14th January, 2023
SSGMCE, Shegaon

REGISTER NOW
alumni.ssgmce.ac.in

SSGMCE SHEGAON

Let's get together to reminence old time and talk about the future

Let's meet up at
Alumni Meet 2023

14th Saturday
January, 2023
SSGMCE, Shegaon

REGISTER NOW
alumni.ssgmce.ac.in

Flag March

The alumni meet commenced with the Flag March. The Flag March at the SSGMCE Shegaon during the Grand Alumni Meet 2023 was a way to kick off the event and bring a sense of nostalgia and pride to the alumni who were returning to their alma mater. The march was led by the principal of the college and alumni coordinators, and included participation from student coordinators of the Alumni Association. The march was accompanied by music and the traditional Indian dance form "Lezim". The march ended at a new auditorium where the alumni were welcomed with a Traditional Tilak ceremony. It was a great way to reconnect the Alumni with the institution and create a sense of belonging.



Registration & Breakfast

Branch-wise registration counters were prepared for the smooth registration of the alumni reporting for the meet. Around 536 alumni reported for the meet. Some of them had come with their family members.



Breakfast



Inaugural Ceremony

The inaugural ceremony began at 9:30 am at the new auditorium, and alumni were welcomed with a Traditional Tilak ceremony. The ceremony began with a video in the memory of alumni who have passed away, which is a respectful way to remember them and show they are still a part of the community. It was followed by lighting the lamp and felicitation of the guests present for function.

Meet 2023

The inaugural ceremony began at 9:30 am at the new auditorium, and alumni were welcomed with a Traditional Tilak ceremony. The ceremony began with a video in the memory of alumni who have passed away, which is a respectful way to remember them and show they are still a part of the community. It was followed by lighting the lamp and felicitation of the guests present for function.

The speeches by the principal, alumni coordinator, and TNP coordinators, provided updates on the college's current activities and future plans, and also provided an opportunity for the alumni to learn about the new education policy. The introductory remarks by alumni (Mr. Himanshu Goel-founder and CEO of Azpiro systems, Gurgaon / Mr. Uday Sampat, Vice President, ABB India limited / Mr. Sunil Dane, President and founder e-Zest Solutions Pune and USA / Mr. Dilip Punglia, Business strategy development consultant, based out in London) also addressed the audience on this occasion.



Introductory Remarks by Himanshu Goel

Mr. Himanshu Goyal who passed out in 1988. He was here for the first time after graduating from the college focused on the conversion of institutions into the entrepreneurial hub. He reviewed it and expressed nostalgia.

Introductory Remarks by Mr. Uday Sampat

He said "Former teachers are farmers because they sowed us". He has been visiting the college for alumni meetings every year. He said that let us ensure that we get the outside world into this college so that it becomes easier for our students to face the outer world.

Introductory Remarks by Mr. Sunil Dane

He expressed his happiness after visiting the college after so many years. He recalled the memories of his college days.

Introductory Remarks by Mr. Dilip Pungliya

He was happy to visit the college after 25 years. He said, "We, the network of alumni, will together build this college a story of success".



Launching of the College Newsletter

The college newsletter was launched on this occasion which gave the alumni a glimpse of the current happenings in the college.



Principal

- Dr. S. B. Somani
- Prof. Sachin Bhagat
- Prof. Bhushan Rakhonde
- Dr. Devesh Nawgaje
- Prof. Bhushan Rakhonde
- Yash Saiwal (4U2)
- Apurva Patil (2R)

Reciprocating Speeches

Many alumni participated in the reciprocating speeches and expressed their desire to contribute for the development of the college in various ways. This session was coordinated by Mr. Nitin Wankhede (Vice President, Value Momentum, Hyderabad).

Reciprocating speeches by alumni was a great way to connect with current students and inspire them to achieve their goals. Alumni shared their personal experiences and the lessons they have learned during their time at the college, as well as offer advice and encouragement to current students.

They discussed the challenges they faced and how they overcame them, as well as the opportunities and successes they have had since graduating.

Overall, reciprocating speeches by alumni were a valuable and inspiring experience for the current students. It provided them with a sense of direction, motivation and a valuable networking opportunity.

The inaugural ceremony ended with the vote of thanks by the college. It seemed like the event was a successful way to bring alumni together, update them on the college's current status, and provide them with an opportunity to reconnect with their alma mater.



Project EXPO

Project Expo at SSGMCE, Shegaon was a well-organized event that provided students with an opportunity to showcase their work and gain recognition. The event was held in front of the library at 10:30am, which was a great location for the audience to view the projects and demonstrations.

The projects presented at the expo covered various fields such as science, technology, and engineering and included presentations, demonstrations, and interactive exhibits which provided the audience the hands-on experience. The project expo provided an opportunity for students to showcase their work to the alumni and gain feedback, recognition and exposure in their field, and helped to connect the alumni with the current students and to create an atmosphere of learning and innovation.



Flash Mob

The current students of SSGMCE put on an impressive display of energy and enthusiasm for the alumni during the Grand Alumni Meet 2023. The flash mob, held in front of the library at 12:45 PM, was one of the many fun events organized for the alumni. With 130 students participating, the flash mob was a great success and showcased the students' coordination and energy as they danced for 15 minutes continuously. The alumni also joined in and enjoyed dancing with their old friends and families, which helped to create a nostalgic and fun atmosphere. The Cultural Council of SSGMCE played a vital role in coordinating and organizing the flash mob, which contributed to its success. It sounds like a great way to connect the Alumni with the current students and to create an atmosphere of joy and celebration.



Alumni Faculty Student Interaction

The Alumni Faculty Student (AFS) Interaction session was organized separately for Computer Science & Engineering, Information Technology, Electrical Engineering (Electronics & Power), Electronics & Telecommunication Engineering, Mechanical Engineering and Department of Business Administration & Research (MBA) which provided students with a clear idea of their field choices.

It began with a welcome address by the heads of the respective department, followed by introductions of the alumni panelists who represented various fields they have been working in. The alumni shared their experiences of how they transitioned from being students to professionals, highlighting the challenges they faced, the skills they developed and the opportunities they availed of. They also shared their insights on the current industry trends and the skills that are in high demand.

The students were given the opportunity to ask questions and clarify their doubts about the industry and the alumni generously shared their knowledge and provided valuable advice. The students were able to gain a better understanding of the different career paths available to them and the skills required for success in their chosen field.

The session was a great success and received positive feedback from both alumni and students. The students felt inspired and motivated by the alumni's stories and appreciated the opportunity to interact with and learn from their seniors. The session provided valuable insights and guidance to the students, helping them to make informed decisions about their future careers.



Key takeaways from AFS

- Students need to develop the soft skills in order to be presentable.
- This era needs the individuals who are Extroverts.
- Alumni promised to offer Placement and Internships opportunities, Project Guidance, and Mentoring to the current Engineering and Management students.
- Alumni talked about the job opportunities in the core sectors like Mechanical Engineering, Electrical Engineering and Electronics & Telecommunication Engineering.
- They advised students to become self learners, to learn soft skills and communication skills.
- They also discussed the start up ecosystem and entrepreneurship, job opportunities in various domains and the skills required for various job roles.
- Students came to know the job opportunities in Government and private sectors.



Jamming

A jamming session was organized as part of the SSGMCE Grand Alumni Meet. The event provided an opportunity for alumni, students, and staff to come together and share their love for music. The jamming session was held in front of the Admin Building, which provided a perfect setting for the event.

The session began with a few warm-up exercises led by the college music club, followed by an open mic session where anyone could come up and perform. The atmosphere was lively and electric as alumni, students, and staff shared their talents and performed a wide range of songs, including classic rock, pop, and Bollywood hits.

The event also featured a surprise performance by one of the alumni who had been a part of the college band during his time as a student, and it was a nostalgic moment for all the alumni who were present. The session ended with a group performance where everyone came together to sing and play a popular song.

Overall, the jamming session was a huge success and provided an opportunity for alumni, students, and staff to come together and share their love for music. It was truly a night to remember for all those who were a part of it.



Cultural Night

A cultural night was organized as part of the SSGMCE Grand Alumni Meet. It kicked off with a mesmerizing performance by the college students, followed by Live music, Stand Up Comedy and Dance performances by current students and alumni which had everyone in splits.

As the night progressed, the alumni and current students came together to sing and dance to some of their favorite songs, creating an atmosphere of camaraderie and nostalgia. The event ended with a delicious dinner, where alumni and current students enjoyed a variety of traditional dishes. Overall, the cultural night was a huge success and provided an opportunity for alumni to reconnect with their memories and with each other through songs and performances. It was truly a night to remember for all those who were a part of it.







Alumni Faculty Student Interaction

As a part of Alumni Meet 2023, 1997 pass-out batch of alumni interacted with the students, faculty and staff of SSGMCE, Shegaon.

They addressed the following points:

- R&D - Govt., Industry, Individual Projects.
- Start-up Incubation - Mentorship and Angel Investment
- Placements - Internship and Employment Opportunities, Tie-ups etc.
- Collaborations & Tie-Ups



Session 1

Topic: R&D - Govt., Industry, Individual Projects which Alumni can bring to college.

In this session, the following alumni interacted:

- Ritesh Jain
- Alok Purohit
- Atul Shrivastav

All these alumni advised students to learn the basics of any subject they are dealing with and asked them to collaborate with alumni via social media like LinkedIn. They suggested students to Look at the angle of their passion and then choose their path, and to try to learn one new technology in every semester other than syllabus.

They discussed the importance of Research and Development in the current scenario with numerous real-life examples.

Session 2

Topic: "Startup Incubation – Mentorship and Angel Investment"

In this session, the following alumni interacted:

- Mr. Sumit
- Mr. Dilip Pungaliya
- Mr. Awaneesh



These alumni interacted with the audience and came up with the following ideas, suggestions and information:

- India is a great hub to do a start-up.
- A start-up is only supposed to be done with like minded-people.
- Co-founders who come together are the beams that join the whole things together.
- "Successful start-ups happen; you have to wait to be lucky and pray not to get exhausted before it."
- You always need to write your strategy before ideating.
- They suggested students to prepare a PowerPoint Presentation which would include-5 Slides on what they want to do, 5 slides on how they are going to do it, and 5 slides on the resources available for them.
- We may be starting from a different pedestal but one should always have the willingness.

They answered the following questions:

- How to pick the perfect start-up from a bunch of ideas?

Answer: Write down the number of ideas which you have.

Consider you have 10 ideas, then start discarding 5 ideas, then 2 and simultaneously with the help of your parents, mentors or your partners.

- How can I start an IT company start-up?

Answer: You can start from home, a small shop or anything, start first by finding your strength.

Session 3

Topic: Placements – Internship and Employment Opportunities, Tie-ups.

In this session, the following alumni interacted:

- Dr. Parag Bhatnagar
- Mr. Vishal Murarka
- Mr. Abhijeet Chhajed
- Mrs. Pinky Hajra



These alumni interacted with the audience and came up with the following ideas, suggestions and information:

- Each student here can get a job in any part of the world.
- Essentials for placement- CV REVIEW, Mock interviews, Industry roadshows, Experiential learning programs etc.
- Two careers in technology: Technical Career and Digital career. Go wherever you want but you need to be an expert.
- Good People are required in placement.
- People skill is very important in leadership. You have to be a good listener.
- First 3 years of Engineering are mostly for exploring. 4th year should be goal oriented.
- Why only placement, focus on skills first and it will fetch the placement.
- Do not run for money, let money follow you.
- You have to market yourself. Make proper use of professional platforms like LinkedIn.
- If you are passionate about programming, go for it as a Computer Science Student. Pursue your passion.
- Connect with people and focus on Relationship Building.
- Never think about the "HUGE PACKAGE". Enjoy the education; just enjoy the learning process and the you will get the jobs automatically. Before thinking of PACKAGE, ask yourself a question "What have you done to get it? That is the truth of life.
- There are opportunities, but you need to be at the top.

Session 4

Topic: Collaborations & Tie-Ups

In this session, the following alumni interacted:

- Mr. Anand Bhalerao
- Mr. Avijit Das Patnaik
- Mr. Vijay Pandurangi

These alumni interacted with the audience and came up with the following ideas, suggestions and information:

- Behind everything, there is an objective. Set an objective in whatever you do.
- Give back to the society whenever needed.
- At one point in your life, your money should run for you not you for money.
- If you really want to collaborate, start networking.
- You need to have good friends, invest in friendships.
- Connect on LINKEDIN.
- Ask for help, you need to come front and take initiative.
- Look at the bigger picture.
- Focus on the learning anyhow.



These were the general sessions by the alumni of 1997 pass-out batch. They expressed their desire to continue the discussion throughout the year for the betterment of student community and college as a whole. This was a wonderful program. All the current students and the entire staff enjoyed it as it was full of new insights.

Campus Decoration





Feedback by Alumni

Mr. Dilip
Pungliya



Alumni Silver Jubilee
Celebration at Shegaon Jan 2023

Past to remember, present to
celebrate and future to create.

The air turned nostalgic when
we SSMCEites revived our college
days.

Can you imagine yourself reminiscing about your college life after 25 years? The whirlwind of emotions on meeting your friends who have settled in different parts of the world is challenging to express in words. The air was electric and filled with the joyous faces of the batch of '93 from 13th to 15th January 2023. Atmosphere electrified when alumni started posting pictures of their travel as Chalo Shegaon moment, which was like a goosebump moment.

Thanks to the college for organising a fantastic event where they have provided free transport, food, and an incredible event, affection, and love

Also, thanks for giving me Dias during the welcome ceremony and an opportunity to speak for collaboration along with eminent alumni personalities.

I genuinely appreciate and regard the effort of alumni coordinator Devesh sir and his team, college management team Shrikant Dada Bhau, Principle Somani Sir, All the faculty staff, and first to final year students' hard work. You can't compare such lovingly welcoming and providing all the facilities. Kudos and salute

Three cheers to my college SSGMCE

Finally a poetry from me about the time we have together

क्या बयां करू उस अद्भूत अलौकिक बेला का
था लगा मंजर दोस्तों के मिलन से, सजे मेला का
फ्रेंडशिप फीवर था हाई एयर में
लौट आया बिछड़ा पल छण में
यादो की बारात से सजी थी बाते
पूछे बिन मेरे दोस्त कैसे थे पल काटे
लौटे आये थे हॉस्टल वाले वो डेज़
फ्रेंड्स को देख के लौट आयी थी रेज़
जानते थे सभी यह समय काफ़ी कम
सोने का पता नहीं रहे थे मिलजुल झूम
फिर वो बेला आयी सब निकालने लगे अपने धाम
दोस्तों मस्त रहो बना लो मिलन को नियमित काम



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

The institute has a well-planned policy aimed at encouraging faculty members to undertake refresher courses, orientation programs, and faculty development programs sponsored by the UGC and Human Resource Development.

Throughout the year 2022-23, teachers from SSGMCE actively participated in various workshops, seminars, and other academic events, contributing significantly through their intellectual prowess.

Below are the highlights of the major programs undertaken by them:

A combined total of 269 teaching and non-teaching members of the institute successfully completed various development programs. These programs encompassed both AICTE, UGC - sponsored online / offline initiatives and courses offered by NPTEL.

The institute conducted a series of programs dedicated to enhancing the skills of non-teaching staff members, aimed at their professional development and growth.

**Dr S.B.Somani
(Principal)**

17 Teaching / Non-teaching Staff attending training Programs/STTP/FDP

Training Programs attended by Teaching staff	Training Programs attended by Non-teaching
79	191

Name of the Faculty	Title of the Professional Development Programmes
Dr. J. M. Patil	1.Blockchain Technology and Its Use Cases
	2.Fundamentals of DevOps
	3.Technical Writing using LaTeX(Online)
Dr. N. M. Kandoi	1.Emerging Technologies in Computer Science (ECS)
	2.Education 4.0 Tools for Effective NEP 2020 Implementation
Prof. C. M. Mankar	1.AI-based Nature Inspired Optimization Methods
	2.Amazon Web Services
Prof. V. S. Mahalle	1.Cyber Security & AI
	2. Java Full Stack
	3.Data Science and Python
	4. AI-based Nature Inspired Optimization Methods
	5.Deep Learning
	6. Education 4.0 Tools for Effective NEP 2020 Implementation
Dr.. P. K. Bharne	1.Recent Trends in AI, Machine Learning and Data Science
	2. AI-based Nature Inspired Optimization Methods
Prof. K. P. Sable	1.Amazon Web Services
Prof. P. V. Deshmukh	1.Exploring Latest Trends in Big Data and ML
	2.Research Methodology & Use of ICT Tools
	3.An Innovative Teaching & Learning Practices of LMS
	4.Cyber Security & AI
Prof. S. B. Pagrut	1.Data Science and Python
	2.Research Methodology & Use of ICT Tools
	3.Fundamentals of DevOps
	4.Education 4.0 Tools for Effective NEP 2020 Implementation
Dr.R.A.Zamare	1.Big Data Computing
	2.Big Data with Hadoop
	3.Blockchain Technology
Dr. S.R.Paraskar	One Week Online Capacity Building Workshop on Education 4.0 : <i>Tools for Effective NEP 2020 Implementation.</i>
Dr. S.S.Jadhao	Five Days virtual Workshop on, “ Power Electronics Applications in Electric Vehicles - Opportunities and Challenges”
Prof. R.Z.Fulare	Hands on training on “ Power Plant Familiarization”

T.P.Marode	Designing and modelling of IOT ,AI and ML system
	Python for electrical and electronics engineering: A FDP on Python Applications
	Advanced Power Electronic Converters for RES and EV Applications
	Artificial Intelligence for medical image processing
	CBCS-NEP Executors' Training Program
K.T.Kahar	Multidisciplinary Applications of MATLAB inEngineering
D.P.Tulaskar	Unmanned Ariel Vehicle(UAV) Technology- Applications and Regulations
	National Education Policy–2020’
	Education 4.0: Tools for Effective NEP 2020 Implementation
	National Education Policy–2020’
K.T.Kahar	Advanced Power Electronic Converters for RES and EV Applications
	Python for electrical & electronic engineering
	Emerging Trends in Research Methodology
	Multidisciplinary Applications of MATLAB in Engineering
V.M Umale	UGC Sponsored STC on Research Methodology
	5G Communications and Antenna Design using MATLAB
	CBCS-NEP Executors' Training Program
Mr.M.B. Dhamande	Multidisciplinary Applications of MATLAB in Engineering
Mr Saleem Ahmad	Web Tools for Research and Researchers
Dr.A.S.Manekar	Online FDP on “Recent Trends in Computations” by VIT Pune
	Workshop on "Machine learning using python" by ISBM College of Engineering
	Online Faculty Development Program on AWS (Amazon Web Services) organized by AVS Engineering College
	Five days online FDP on "Deep learning application development tools and research" by VIIT Pune
	Faculty diploma program on in "Machine Learning & Data Science with Python" by PHN Technology
Prof. P.V.Kale	One Week Short-Term Training Program on “Multidisciplinary Applications of MATLAB in Engineering” by PRPCE&M, Amravati.
	One Week FDP on "Augmented & Virtual Reality with Data Science" by P. R. Pote College of engg amravati
	Online certification course on "Digital skill readiness program Wipro certified faculty"
Prof. A.G.Sharma	Live Training Program on "Business Analytics using Power BI and Tableau" by Excelr

	One week FDP on "Research Methodology and Use of ICT tools" by P. R. Pote college of engg Amravati
Prof.F.I.Khandawani	Online workshop on "Designing and Modelling of IOT, AI & ML Systems" by ATAL Academy
Prof. S.D.Padia	Online workshop on "Designing and Modelling of IOT, AI & ML Systems" by ATAL Academy
Prof.S.S.Muddalkar	Online certification course on "Digital skill readiness program Wipro certified faculty"
Prof.P.P.Bute	STTP on "Data Science" organized by, K J College of Engineering and Management Research, Pune-48,
	Online One Week STTP on Emerging Trends in Research Methodology by REST Society
	STTP on "Web Technology" organized by K J College of Engineering and Management Research, Pune
Prof. S.N.Khandare	6-day Online UHV-II FDP organized by All India Council for Technical Education (AICTE)
	One week STTP On "Big data with Hadoop" by Pdmn V.B.Kolte COE Malkapur
	NPTEL Online certification course on "Big data Computing"
	One week FDP On "Research Methodology" by Pdmn V.B.Kolte COE Malkapur
	Short term course on "STC-Lifestyle and Health care management" by SGBAU Amravati
Mr.D.B.Thakare	Capacity building STTP on "Technology and Office Management " by AIU AI AADC
Mr.P.N.Nikhade	One week STTP on "Community development through Technical Institute" by NITTTR Kolkata
Mr.Amol Hiwale	Online Certification course on "Computer Networking - Digital Network Security"
	Online course on "Introduction to Cyber security" by Great Learning
Prof.M.B.Bhambere	CFD for incompressible flows (NPTEL course equivalent to FDP)
Prof. A S BHARULE	The Role of Artificial Intelligence in Renewable Energy Applications
	Futuristic Research in Mechanical Engineering
	Emerging in Teaching and Learning Pedagogy
Dr. N. H. Khandare	Trends and challenges in the development of electric vehicles and hybrid vehicles
Prof. S. Q. Syed	One Week FDP on Data Analysis in MS Excel
Prof.N.G.More	NBA Accreditation organized by NITTTRR Kolkata
	NEP-2020 organized by NITTTRR Kolkata

	Recent Trends in Research Methodology organized by REST society for research international, Tamil Nadu
Prof. K. R. Dudhe	5-day Face-to-Face UHV-II FDP Organized by AICTE
	Emerging Trends in Research Methodology
Prof P.A.Dalke	“Smart Manufacturing”
Sh. A A Dhage	CNC Operator/Machining technology
Dr.Manisha Pande	Short Term Training Programme On SPECTRUM
	FDP On Quantum Physics Leading Way to Photonics
Prof.R.G.Raut	Workshop on MS-DEED level -2
Prof.S.V.Bhagat	New Andragogical Approaches of teaching and Research in Humanities and Social Sciences
Prof.R.G.Raut	Workshop on MS-DEED level -2
Dr. Mayur Dande	Workshop on National Education Policy–2020 (on theme - Multiple Entry & Exit)
	IP Awareness/Training program
	National Education Policy–2020 (on theme-Academic Bank of Credit)
Prof. Vishal Patil	Webinar on NEP-2020
	Webinar on NEP-2020
	Contemporary Issues in Teaching and learning Pedagogy
Dr. Satya Mohan Mishra	Workshop on National Education Policy–2020 (on theme - Academic Bank of Credit)
	Workshop on National Education Policy–2020 (on theme - Multiple Entry & Exit)
	National Education Policy–2020’ (on theme-Digilocker)
Madhao B. Bhambere	NPTEL-Fundamentals of Convective Heat Transfer
Dr. Laxmikant Deshmukh	NPTEL-Introduction to Marketing Essentials
Rutika Raut	NPTEL-Enhancing Soft Skills and Personality

18 Financial Support Provided

Sr. No.	Name of teacher	Name of conference /Workshop attended for financial support provided	Department
1	Mr. R. Z. Fulare	Hands on Training on Power Plant Familiarization at Adani Dahanu Thermal Power Station, Dahanu during 11 June - 24 June 2023	Electrical Engineering
2	Dr. S. S. Jadhao	Two-day workshop on "Self Balancing Robot Design" conducted on 17th & 18th February 2023 held at Indian Institute of Technology Bombay	
3	Mr. B S Rakhonde	One week training programme on "Power System Awareness" at TPSDI Shahad, Mumbai during 31 October to 5 November 2022.	
4	Mr. P. P Wagh	One week training programme on "Power System Awareness" at TPSDI Shahad, Mumbai during 31 October to 4 November 2022.	
5	Mr. G.N.Bonde	Two month Sabbatical training at KPIT Pune (July - August 2022)	
6	Mr. P.R.Bharambe	AICTE Sponsored Springer International Conference on "Recent Evolutions in Energy, Drives & E-Vehicle (REEDeV - 2022) September 16-17, 2022 organised by St Vincent Palloti College of Engineering & Technology Nagpur.	
7	Mr. R.S.Kankale	AICTE Sponsored Springer International Conference on "Recent Evolutions in Energy, Drives & E-Vehicle (REEDeV - 2022) September 16-17, 2022 organised by St Vincent Palloti College of Engineering & Technology Nagpur.	
8	Mr. M.R.Chavan	AICTE Sponsored Springer International Conference on "Recent Evolutions in Energy, Drives & E-Vehicle (REEDeV - 2022) September 16-17, 2022 organised by St Vincent Palloti College of Engineering & Technology Nagpur.	
9	P. D. Kale	International Conference on Nanoelectronics, circuits & communication systems	Electronics and Telecommunication Engineering
10	Dr. M. N. Tibdewal	Workshop on "Signal Processing using ML Applications"	
11		IEEE Membership	
12	K.S. Vyas	IEEE conference ICETET-SIP 23	
13	A. A. Deshmukh	IEEE conference ICETET-SIP 23	
14	Dr. P. R. Wankhede	IEEE conference on Paradigm shifts in communication, embedded systems, Machine learning & signal processing	
15	Prof. K.V Chandan	International Conference Energy, NIIT Bhopal	Mechanical Engineering
16	Prof. V.K Thute	Two-day workshop on "Self Balancing Robot Design" conducted on 17th & 18th February 2023 held at Indian Institute of Technology Bombay	
17	Principal Dr. S.B Somani	Membership	
18	Dr. H. M. Jha "Bidyarthi"	International Conference on Management Cases 2022	Master of Business Administration



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
**SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE),
INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Annual Report on E-Governance: Academic Year 2022-23

Introduction:

Institute embarked on a transformative journey by implementing SAP for college management. This robust tool has revolutionized administrative processes, enabling efficient management across diverse areas such as student fees, hostel fees, and procurement cycles. The adoption of SAP has significantly enhanced financial management and transparency within the institution.

Implementation of SAP:

The implementation of SAP marked a significant milestone in our e-governance initiatives. This comprehensive tool serves as the backbone of our college management system, facilitating streamlined operations and data-driven decision-making. Through SAP, we have achieved seamless integration of various administrative functions, resulting in improved efficiency and effectiveness in managing financial processes.

Enhanced Fee Management:

One of the key benefits of SAP implementation is the enhanced management of student fees. Through the Student Information System (SIS) software, students can conveniently access their fee payment status, including paid and outstanding fees. This self-service feature empowers students and promotes transparency in fee transactions. Additionally, the Admin/Accounts department benefits from streamlined operations by accessing consolidated reports on outstanding fees instantly with a single click. This real-time access to financial data enhances decision-making and ensures timely follow-up on outstanding payments.

Financial Transparency and Accountability:

The implementation of SAP has not only improved fee management efficiency but also enhanced overall financial transparency and accountability across the institution. By centralizing financial data and automating processes, SAP has minimized the risk of errors and discrepancies, ensuring accuracy and reliability in financial reporting. This increased transparency fosters trust among stakeholders and reinforces our commitment to sound financial stewardship.

Conclusion:

The implementation of SAP for college management has been a game-changer for our institution. Through this transformative initiative, we have achieved greater efficiency, transparency, and accountability in financial management.

**Dr S.B.Somani
(Principal)**

19 IQAC

Internal and External Academic audits conducted for all the departments.
Energy audit, Environmental audit and green audit conducted

IQAC Meeting summary

Academic Year	Meeting date
2022-23	13-07-2022
	02-09-2022
	22-12-2022
	13-03-2023