



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 : +918669638081/82
 Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
 Website- www.ssgmce.ac.in

Academic Year 2021-22

Sr. No.	Name of teacher	Name of conference /Workshop attended for financial support provided	Department	Evidences
1	Dr. Mrs. A. U. Jawadekar	National level online FDP on New guidelines of AQAR during 20 - 23 December 2021 organised by Modern College of Art, Science & Commerce Pune	Electrical Engineering	Click Here
2	S. P. Badar	Workshop on "Recent Trends in FinFET & Nano-Sheet cell design"	Electronics and Telecommunication Engineering	Click Here
3	Amit Dolas	NPTEL FDP		
4	K. M. Thanvi	NPTEL Certification course		
5	Dr. P. R. Wankhede	--		
6	S. P. Badar	--		
7	K. M. Thanvi	--		
8	K. T. Kahar	International Conference on Novel Materials and Technologies in Energy and Environmental Applications		
9	Dr.S.P.Trikal	Training Program on Automobile Engineering	Mechanical Engineering	Click Here
10	Prof. S.Q Sayed	Training Program on Automobile Engineering		
11	Prof. P.T Patokar	Training Program on Automobile Engineering		
12	Mr. A H Akahre	Training Program on Automobile Engineering		
13	Dr.J.G Khan	Training Program on Automobile Engineering		
14	Prof. K.V Chandan	Training Program on Automobile Engineering		
15	Prof. A.S Bharule	Training Program on Automobile Engineering		
16	Mr. N.D Kamawsidar	Training Program on Automobile Engineering		
17	Dr.S.P.Trikal	-		
18	Prof.M.B.Bhambere	-		
19	Principal Dr. S.B Somani	-	Mechanical Engineering	Click Here
20	Dr. H. M. Jha "Bidyarthi"	National Conference on Innovation Management NCIM-22	Master of Business Administration	Click Here

Click Here



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 : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

21	Dr Amitkumar Manekar	National Conference on Innovation Management NCIM-22	Click Here
22	Dr. L B Deshmukh	National Conference on Innovation Management NCIM-22	
23	Dr. P. M. Kuchar	National Conference on Innovation Management NCIM-22	
24	Dr. S M Mishra	National Conference on Innovation Management NCIM-22	
25	Dr. M A Dande	National Conference on Innovation Management NCIM-22	
26	Prof. V V Patil	National Conference on Innovation Management NCIM-22	
27	Prof. W Z Suliya	National Conference on Innovation Management NCIM-22	
28	Prof B T Husain	National Conference on Innovation Management NCIM-22	




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



Shri Gajanan ShikshanSanstha'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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date: 14/12/2021

Name of the Applicant	Dr. Anjali Jawadekar
Designation	Associate Professor
Department	Electrical Engineering
Financial Assistance Purpose	To registered for online National FDP
Name of the Event	Online National FDP on New Guidelines of AQAR
Date and Duration	20-23 December 2021
Associating Agency/ Professional Body	IQAC – Modern College of Art, Science & Commerce Pune in Association with IQAC Cluster
Amount Requested	Rupees Eight Hundred only (Rs 800)
Membership Fees	--

xi

Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 800/- for the above purpose.

Signature : *Q.S.*

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 800/- is sanctioned for the above mentioned purpose.

Principal
Principal

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203, SHEGAON-Dist-BULDHANA (M.S.)


No: 49

RECEIPT
(ACCOUNT SECTION)

Date: 14-12-2021

Received Rs. 800/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/FDP ✓
Speaker/Evaluator/Discussion/Others at Pune
From 20-12-21 to 23-12-21 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature


for Account Section

Name: Dr. Anjali Jawadekar

Name: A.P. Bawaskar



Progressive Education Society's
MODERN COLLEGE OF ARTS, SCIENCE & COMMERCE
Ganeshkhind, Pune 16, Maharashtra
Re-accredited by NAAC with A Grade, DST-FIST, DBT-STAR College

CERTIFICATE OF PARTICIPATION

This is to certify that **Anjali Jawdekar**
From *Shri Sant Gajanan Maharaj College Of Engineering Shegaon*
has actively participated in **Online National FDP on New Guidelines of AQAR** organized by
Internal Quality Assurance Cell in association with **IQAC Cluster**
scheduled on **20th to 23rd December 2021**

Prof. Parag Shah
IQAC Coordinator
PES Modern College
Ganeshkhind, Pune

Prof. Peeyush Pahade
President
IQAC Cluster

Dr. Sanjay Kharat
Principal
PES Modern College
Ganeshkhind, Pune



Swapnil Badar <swapnilbadar@gmail.com>

Receipt for online Microwind workshop


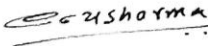
3 messages

23 August 2021 at 13:08

Vinay Sharma <vinay@ni2designs.com>
To: swapnilbadar@gmail.com

Dear Sir / Madam,

Please find enclosed a copy of your digital receipt. Let me know if any changes are required.

Receipt No.	Receipt/2021/Aug/29	Date:	23 rd August 2021	RECEIPT
Received with thanks from				
Mr. / Ms. /Dr. Swapnil Badar				
Organization: Shri Sant Gajanan Maharaj College Of Engineering, Shegaon				
On account of workshop handling fees. Workshop title "Recent trends in FinFET & Nano-Sheet cell design - An educational perspective with 'Dr. Etienne Sicard'", dated 26 & 27 August 2021				
By UPI payment Rs. 1000/- (Rupees one thousand only)				
 Workshop Coordinator Vinay Sharma 		Office: ni2designs Pvt. Ltd., 39-B, Bandal Dhankude Plaza, Bhusari Colony, Paud Road, Kothrud, Pune-411 038 Telefax : +91-20-25286947/8		

Warm Regards,

Vinay Sharma

Director - Technical,

ni2designs
39-B, Bandal Dhankude Plaza,

Bhusari Colony, Paud Road, Kothrud,
Pune-411 038
Mobile : +91- 9890 393925

+91- 92255 69053
Telefax : +91-20-25286947/8
www.ni2designs.com

DISCLAIMER

This e-mail may contain privileged and confidential information, which is the property of ni logic Pvt. Ltd. It is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, you are not authorized to read, retain, copy, print, distribute or use this message. If you have received this communication in error, please notify the sender and delete all copies of this message. E-mail transmission cannot be guaranteed to be secure or error free as information could be intercepted, corrupted, lost, destroyed, incomplete or contain viruses and ni logic accepts no liability for any damage caused by the limitations of the e-mail transmission. You should carry out your own virus checks before opening the e-mail or attachment.

Certificate

of participation in online Microwind workshop on

"Recent trends in FinFET & Nano-Sheet cell design"

An educational perspective with 'Dr. Etienne Sicard'

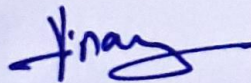
August 26 and 27, 2021

This certificate is proudly presented to

Mr./Ms./Dr. Swapnil Badar

of Shri Sant Gajanan Maharaj College of Engineering

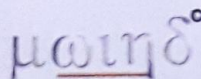
for participating in the online Microwind Faculty development workshop organized by ni2designs, Pvt. Ltd., Pune.



Vinay Sharma
Coordinator



Dr. Etienne Sicard
Microwind Inc.



www.microwind.net



Organized by
ni2designs Pvt. Ltd., Pune
Worldwide Licensing Distributor
www.ni2designs.com



Arranged by
Spaartasoft Technology Solutions, Pune
Authorized Indian Distributors
www.spaartasoft.com


**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

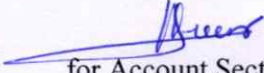
No: 45

RECEIPT
(ACCOUNT SECTION)

Date : 20-8-21

Received Rs. 1000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 26-8-21 to 27-8-21 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature


for Account Section

Name : Prof. S. P. Badar

Name: A. P. Bawaskar



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON - 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by AICTE, New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the B.T.E., M.S. Mumbai"

Ph: +918669638081/82
Fax: 091 7265 752986

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

Financial Assistance Application Form

Date: 20/5/2022

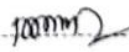
Name of the Applicant	Amit N. Dohar
Designation	Asst. Prof.
Department	EXTC
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership / Publication
Name of the Event	NPTEL Certification
Date and Duration	JAN to APRIL-22 (20/5/2022)
Associating Agency/ Professional Body	—
Amount Requested	1000/-
Membership Fees	—

 A.N. Dohar

Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 1000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 1000/- is sanctioned for the above mentioned purpose.


Principal

PRINCIPAL
Shri Sant Gajanan Maharaaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 51

RECEIPT
(ACCOUNT SECTION)

Date : 20-5-2022

Received Rs. 1000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/ FDP ✓
Speaker/Evaluator/Discussion/Others at I.T.T. Madras
From Jan-22 to 20-5-22 in the form of CASH/Online Transfer to my account
Thanks



Receiver Signature



for Account Section

Name : Prof. A. N. Dolas

Name: A. P. Bawaskar

Roll No:NPTEL22CS19S13080012

To AMIT N DOLAS
DEPT OF ELECTRONICS & TELECOMM
SHRI SANT GAJANAN MAHARAJ COE
SHEGAON
MAHARASHTRA - 444203
PH. NO :9822271066



Duration of NPTEL course: 12 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMIT N DOLAS

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **60 %**


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2022)


Prof. Dileep N. Malkhede
Advisor-1 (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS19S13080012



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
Fax : 091-7265-252346

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

Financial Assistance Application Form

Date : 20/05/2022

Name of the Applicant	Mrs. K. S. Vyas
Designation	Assistant Prof.
Department	Electronics & Telecommunication Engg.
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership / Publication
Name of the Event	12 week NPTEL course on "Blockchain Technology and Applications"
Date and Duration	January to April 2022
Associating Agency / Professional Body	NPTEL
Amount Requested	1000
Membership Fees	-

Mrs. K. S. Vyas
Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 1000 for the above purpose.

Signature : [Signature]
Head of Department / Section Head


**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 52


RECEIPT
(ACCOUNT SECTION)

Date : 20/5/2022

Received Rs. 1000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/ FDP
Speaker/Evaluator/Discussion/Others at I.T.T. Khargpur
From Jan-22 to Apr-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : Prof. Mrs. K.S. Vyas


for Account Section

Name: A.P. Bawaskar

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS44S23080257

To
KOMAL VYAS
FLAT NO 4, PUNYAI APARTMENT
NEAR NAYRA PETROL PUMP, BALAPUR ROAD
SHEGAON
MAHARASHTRA - 444203
PH. NO :9405456382



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KOMAL VYAS

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **63** %

Online Assignments	21.88/25	Proctored Exam	41/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1965**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL22CS44S23080257

To validate and check scores: <https://npTEL.ac.in/noc>

To
The Principal,
SSGMCE, Shegaon

Subject: Request for payment of IEEE membership fees

Respected Sir,

For the year 2022, Yearly IEEE Membership is taken up for IEEE student branch counselor, Dr. P. R. Wankhede and Student Membership for Prof. S. P. Badar. The details of membership amount are.

Sr. No.	Name of Faculty	Details	Amount
1	Dr. Pravin Wankhede Branch Counselor	IEEE Membership (\$79) + IEEE Robotics and Automation Society Membership (\$4.5) + IEEE Engineering in Medicine and Biology Society Membership (\$5.0) = Total (\$88.5) * 73 (\$ to INR rate)	Rs.6530.00
2	Prof. S. P. Badar	IEEE Student Membership (\$27) - Discount from IEEE (\$13.5) * 73 (\$ to INR rate)	Rs. 990
Total			Rs. 7520.00

Kindly give permission for payment of **Rs.7520.00** to IEEE through **NEFT as per bank challan** attached.


Thanking You

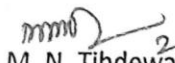
24nd January 2022

Encl:

- Bank Challans

Yours Sincerely


P. R. Wankhede
Branch Counselor

 24.1.22
Dr. M. N. Tibdewal
Head, E & TC Dept

For Continuing membership
(25/1)



Graduate Student Member		2021	IEEE	3 Park Avenue, 17th Floor New York, NY 10016-5997 USA
SWAPNIL BADAR		For membership information visit www.ieee.org/start		
Member # 97548153 Bombay Section	 Susan K. "Kathy" Land 2021 IEEE President	The Institute of Electrical and Electronics Engineers, Incorporated is a New York not-for-profit corporation. This membership card is for the named member only and is non-transferable. All members of the IEEE shall be governed by IEEE's Constitution, Bylaws, Policies and Code of Ethics.		Additional information can be obtained from the IEEE Contact Center: www.ieee.org/contactcenter +1 800 678 4333 USA & Canada +1 732 981 0060 Worldwide
VALUED IEEE MEMBER FOR 1 YEAR VALID THROUGH 31 DECEMBER 2021	IEEE Advancing Technology for Humanity	 97548153		
www.ieee.org				

Graduate Student Member		2024	For membership information visit ieee.org/start	
KOMAL MAHAVIR THANVI				
Member # 97332386 Bombay Section				
Valued IEEE Member for 3 Years Valid through 31 December 2024		<i>IEEE is a New York not-for-profit corporation. This membership card is for the named member only and is non-transferable. All members of the IEEE shall be governed by IEEE's Constitution, Bylaws, Policies, and Code of Ethics.</i>		IEEE Contact Center: ieee.org/contactcenter +1 800 678 4333 USA/Canada +1 732 981 0060 Worldwide
 Thomas M. Coughlin 2024 IEEE President	IEEE	3 Park Avenue, 17th Floor New York, NY 10016-5997 USA		IEEE Advancing Technology for Humanity

To
The Principal,
SSGMCE, Shegaon

Subject: Request for payment of IEEE student membership fees through NEFT.


Respected Sir,

For the year 2022, eighteen students have taken up Yearly IEEE Student Membership as per the challan numbers attached. The total amount is **Rs.18810.00**. Students have paid their fees in College account. Student Names with their Bank Challans are attached herewith.

Kindly give permission for payment of **Rs. Rs.18810.00** to IEEE through **NEFT** as per challan account numbers.

Thanking You.

Yours Sincerely


Dr. P. R. Wankhede
Branch Counselor

12 April 2022

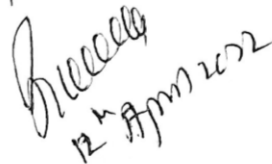
Encl:

- Challan Account Numbers
submitted to Hon. Principal Sir
12/4/2022

Regr
Remitted



To
H.C. Dept


12th Apr 2022

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 54

RECEIPT
(ACCOUNT SECTION)

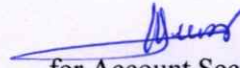
Date : 12-4-2022

Received Rs. 18810/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/ IEEE ✓
Speaker/Evaluator/Discussion/Others at Banglore
From Apr-22 to _____ in the form of CASH/Online Transfer to my account

Thanks



Receiver Signature



for Account Section

Name : Dr. P. B. Wankhede

Name: A. P. Bawaskar

Through NEFT:

Bank Name: Corporation Bank

IFSC Code: CORP0000633

Type of Account: Current Account

Branch: Bangalore

Sr. No.	Name	Challan Account Number	Amount
1	Swikruti Shah	R4994IBI010017Z06EQ5	990.00
2	Dnyaneshwari Bhise	R4994IBI010017YJG766	990.00
3	Shrushti Nawalkar	R4994IBI010017YJIAA5	990.00
4	Pratiksha Solanke	R4994IBI010017Z19L4Y	990.00
5	Pragati Kaltari	R4994IBI010017Z2WTC1	990.00
6	Aditya Dhoran	R4994IBI010017YSX4NQ	990.00
7	Ashwini Pohare	R4994IBI010017Z21BXY	990.00
8	Akash Endole	R4994IBI010017Z4X9YI	990.00
9	Khushi Vidhale	R4994IBI010017YJIL1Q	990.00
10	Kunal Pawar	R4994IBI010017Z4WRJH	990.00
11	Nikita Jadhav	R4994IBI010017Z837VR	990.00
12	Vanshika Patne	R4994IBI010017Z84MQV	990.00
13	Kirti Raut	R4994IBI010017Z841JY	990.00
14	Vaishnavi Chobe	R4994IBI010017Z4YY3J	990.00
15	Bhushan Hajare	R4994IBI050017YWP0P1	990.00
16	Kartik Shingade	R4994IBI010017YZROCO	990.00
17	Komal Thanvi	R4994IBI010017YFHIWY	990.00
18	Aseer Ahmed	R4994IBI010017ZBOMAS	990.00
19	Ubai Badri	R4994IBI010017Z1FDC8	990.00
		Total	18810.00

[Handwritten Signature]

Date: 11/01/2022

To
The Principal
SSGMCE
Shegaon

Through: HOD, EXTC

Subject: Regarding Registration fees for Paper Presentation.

Respected Sir,

I am happy to inform you that our paper with title "MEMS Based Energy Scavenger with Interdigitated Electrodes" is selected for Oral Presentation in International Conference on Novel Materials and Technologies in Energy and Environmental Applications organized by BITS Pilani - Hyderabad Campus on 18th-19th February 2022. I request you to kindly sanction the registration fees of Rs. 3600/- for the above conference. I will pay the fees online and submit the receipt to college.

Thanking you.

Yours Faithfully




Kamlesh Tulshiram Kahar

Dhekekar
Forwarded for consideration.
(Dr. R. S. Dhekekar)

Submitted to
Hon. Principal Sir for
Kind sanction please

mmms
11.1.22

HOD (EXTC)
Remitted


Received


**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 55

RECEIPT
(ACCOUNT SECTION)

Date : 11-2-2022

Received Rs. 3600/- for attending/Participation in workshop/Seminar

✓ Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/

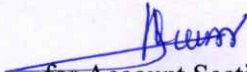
Speaker/Evaluator/Discussion/Others at Hyderabad

From 18-2-22 to 19-2-22 in the form of CASH/Online Transfer to my account

Thanks


Receiver Signature

Name : Prof. K. T. Kahaz


for Account Section

Name: A. P. Bawaskar



BITS Pilani
Hyderabad Campus

INTERNATIONAL CONFERENCE
ON
**NOVEL MATERIALS AND TECHNOLOGIES FOR ENERGY AND
ENVIRONMENT APPLICATIONS**
Department of Chemical Engineering
Birla Institute of Technology & Science, Pilani - Hyderabad Campus
18th and 19th February, 2022



Certificate

This is to certify that **Kamlesh Kahar** of **Shri Sant Gajanan Maharaj College of Engineering** has attended and delivered an oral presentation titled **MEMS Based Energy Scavenger with Interdigitated Electrodes** at the International conference on “Novel Materials and Technologies for Energy and Environment Applications” organized by the Department of Chemical Engineering, Birla Institute of Technology & Science, Pilani - Hyderabad Campus, during 18th -19th February, 2022.

A. Nandini

Dr. Nandini Bhandaru/
Dr. Ramendra Kishore Pal
CONVENER
NMTEA 2022

I Sreedhar

Prof. I Sreedhar
CONFERENCE CHAIR
NMTEA 2022



Shri Gajanan ShikshanSanstha'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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date : 5-11-2022

Name of the Applicant	Dr. S. P. Trikal
Designation	Professor & HOD
Department	Mechanical Engineering
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	3-1-2022 to 16-1-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	—


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature :  -----

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal

PRINCIPAL

Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203, SHEGAON-Dist-BULDHANA (M.S.)**

No: 56

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-2022

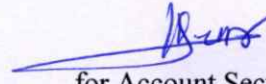
Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 3-11-22 to 16-11-22 in the form of CASH/Online Transfer to my account

Thanks



Receiver Signature

Name : Dr. S. P. Teikal



for Account Section

Name: A. P. Bawaskar



Shri Gajanan ShikshanSanstha'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"

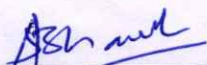
Ph : +918669638081/82
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date : 5-11-2022

Name of the Applicant	Prof. A. S. Bharule
Designation	Asstt. Professor
Department	Mechanical Engineering
Financial Assistance Purpose	Conference /FDP / Workshop /Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	7-3-2022 to 20-3-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	—


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature :  -----

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 57

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-2022

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at pune
From 7-3-22 to 20-3-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : Prof. A. S. Bhavale


for Account Section

Name: A. P. Bawaskar



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
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

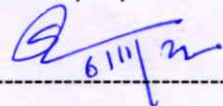
Date : 5-11-2022

Name of the Applicant	Dr. J. G. Khan
Designation	Associate Professor
Department	Mechanical Engineering
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership / Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	7-3-2022 to 20-3-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	-


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL

Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 58

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-2022

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 7-3-22 to 20-3-22 in the form of CASH/Online Transfer to my account
Thanks



Receiver Signature

Name : D. J. G. Khan



for Account Section

Name: A. P. Aawalkar



Shri Gajanan ShikshanSanstha'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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

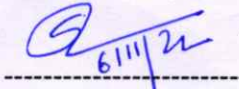
Date : 5-11-2022

Name of the Applicant	Prof. K.V. Chandan
Designation	Asstt. Professor
Department	Mechanical Engineering
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	7-3-2022 to 20-3-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt.Ltd. Pune
Amount Requested	15000/-
Membership Fees	-


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203, SHEGAON-Dist-BULDHANA (M.S.)**

No: 59

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-2022

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 7-3-22 to 20-3-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : Prof. K. V. Chandan


for Account Section

Name: A. P. Bawaskar



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
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date : 5-11-2022

Name of the Applicant	Prof. P. T. Patokar
Designation	Asstt. Professor
Department	Mechanical Engineering
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership/ Publication
Name of the Event	Two weeks Training Programs on Automobile Engg. Lab Equipments
Date and Duration	3-1-2022 to 16-1-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt Ltd. Pune
Amount Requested	15000/-
Membership Fees	—


Signature of Applicant

To,
The Principal
SSGMCE

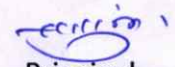
Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -44203, SHEGAON-Dist-BULDHANA (M.S.)**

No: 60

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-22

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 3-11-22 to 16-11-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : Prof. P.T. Patokar


for Account Section

Name: A.P. Bawaskar



Shri Gajanan ShikshanSanstha'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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date : 5-11-2022

Name of the Applicant	Prof. S. Q. Syed
Designation	Asstt. Professor
Department	Mechanical Engineering
Financial Assistance Purpose	Conference / FDP / Workshop / Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	3-1-2022 to 16-1-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	—


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 61

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-22

Received Rs. 15000/- for attending/Participation in workshop/Seminar
* Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 3-1-22 to 16-1-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : Prof. S-R. Syed


for Account Section

Name: A P Bawaskar



Shri Gajanan ShikshanSanstha'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"

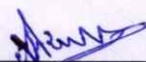
Ph : +918669638081/82
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

Date : 5-11-2022

Name of the Applicant	Mr. V.H. Akhare
Designation	Lab. Attendant
Department	Mechanical Engineering
Financial Assistance Purpose	Conference /FDP / Workshop /Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	3-1-2022 to 16-1-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	—


Signature of Applicant

To,
The Principal
SSGMCE

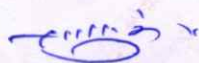
Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 
8/11/22

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 62

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-22

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 3-1-22 to 16-1-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : MR. V. H. AKHAR


for Account Section

Name: A P - Bawaskar



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"

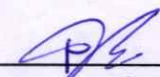
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Financial Assistance Application Form

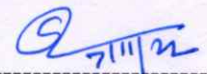
Date : 5-11-2022

Name of the Applicant	Mr. N.D. Kamavisdar
Designation	Lab. Assistant
Department	Mechanical Engineering
Financial Assistance Purpose	Conference /FDP / Workshop /Training / Membership/ Publication
Name of the Event	Two weeks Training Program on Automobile Engg. Lab Equipments
Date and Duration	7-3-2022 to 20-3-2022
Associating Agency/ Professional Body	Xtreme Engg. Equipment Pvt. Ltd. Pune
Amount Requested	15000/-
Membership Fees	-


Signature of Applicant

To,
The Principal
SSGMCE

Kindly sanction the amount of Rs. 15000/- for the above purpose.

Signature : 

Head of Department /Section Head

To,
The Account Section

The amount of Rs. 15000/- is sanctioned for the above mentioned purpose.


Principal
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, -444203,SHEGAON-Dist-BULDHANA (M.S.)**

No: 63

RECEIPT
(ACCOUNT SECTION)

Date : 5-11-22

Received Rs. 15000/- for attending/Participation in workshop/Seminar
Conference/STTP/Training/Social Event/Visit/Meeting/Presentation/Examiner/
Speaker/Evaluator/Discussion/Others at Pune
From 7-3-22 to 20-3-22 in the form of CASH/Online Transfer to my account
Thanks


Receiver Signature

Name : ~~Prof~~ N. D. Kamavisdas


for Account Section

Name: A. P. Bawaskar



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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in



No.1/17, Ceebros Arcade, 3rd Cross, Kasturba Nagar, Chennai - 600 020, India.
Telefax: 91 - 44-2441 1904 e-mail: ddp@saeindia.org Web : www.saeindia.org

TAX INVOICE

PAN NO : AADTS3913K Invoice NO : INV/2020-21/10224
GSTIN : 33AADTS3913K1ZG Invoice Date : 18 Jan 2021
PLACE OF Maharashtra MH
SUPPLY :
SAC : 999512

Received with thanks from Bhambere M B

Address Shri. Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, Pune

Towards MemberShip Fee - Professionals MemberShip Number 7150511046


Payment By Online - Payment Date 18 Jan 2021

Membership Package Faculty

Membership Fee	1100.00
IGST (18%)	198.00
CGST (9%)	0.00
SGST (9%)	0.00
TOTAL	1298.00


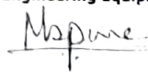
For SAEINDIA
Membership Department

Training Bill



Xtreme Engineering Equipment Pvt. Ltd.
 Factory/Off : Xtreme House, S. No. 37/2, Ashtavinayak
 Industrial Estate, Parvati Nagar, Next to Pari Robotics,
 Dhayari-Narhe Road, Narhe, Pune - 411 041
 Maharashtra, INDIA



GSTIN: 27AAACX1658E1ZD													
TAX INVOICE													
						<input type="checkbox"/> Original for Recipient <input type="checkbox"/> Duplicate for Transporter <input type="checkbox"/> Triplicate for Supplier							
Invoice No: 052					Transport Mode:								
Invoice date: 01/11/2022					Vehicle number:								
Reverse Charge (Y/N):					N		Date of Supply:						
State: Maharashtra				Code 27		Place of Supply:							
					Buyer's Order No. & Date:								
Bill to Party					Ship to Party								
To, The Principal, Shri Sant Gajanan Maharaj College of Engineering, Khamgaon Road, Shegaon-444 203, Dist. Buldhana (M.S.) India					To, The Principal, Shri Sant Gajanan Maharaj College of Engg., Khamgaon Road, Shegaon-444 203, Dist. Buldhana (M.S.) India								
GSTIN:					GSTIN:								
State: Maharashtra				Code 27		State: Maharashtra				Code 27			
Sr. No.	Product Description	HSN Code	Qty	Rate	Amount	CGST		SGST		Total in ₹			
						Rate	Amount	Rate	Amount				
1.	Two weeks Training Program on Automobile Engg. lab Equipment's to faculty of Mechanical Engg. Dept: (including accommodation & meals) 1 st Training Duration: 3-Jan-2022 to 16-Jan-2022 Name of Staff / Faculty: 1) Dr S.P.Trikal 2) Prof S.Q.Syed 3) Prof. P.T.Patokar 4) Mr. V.H.Akhare 2 nd Training Duration: 7-March-2022 to 20-March-2022 Name of Staff / Faculty: 1) Dr.J.G.Khan 2) Prof K.V.Chandan 3) Prof. A.S.Bharule 4) Mr. N.D.Kamavisdar	9992	01	101695	101695	9	9152.5	9	9152.5	120000.0			
Total					101695	9152.5	9152.5				120000.0		
Total Invoice amount in words						Total Amount before Tax		101,695.00					
Rupees One Lakh Twenty Thousand Only.						Add: CGST@9%		9,152.50					
						Add: SGST@9%		9,152.50					
						Round off		0.00					
						Total Amount after Tax:		120,000.00					
Bank Details: STATE BANK OF INDIA, Dhayari, Pune -41				Company Seal 				GST on Reverse Charge		0.00			
Bank A/C: 36571844992								Certified that the particulars given above are true & correct					
Bank IFSC: SBIN0017878								For Xtreme Engineering Equipment Pvt. Ltd.					
Terms & conditions								 Authorized signatory					



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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in



Society of Automotive Engineers INDIA

No.1/17, Ceebros Arcade, 3rd Cross, Kasturba Nagar, Chennai - 600 020, India.
Telefax: 91 - 44-2441 1904 e-mail: ddg@saeindia.org Web : www.saeindia.org

RECEIPT

PAN NO : AADTS3913K Invoice NO : INV/2020-21/10226
GSTIN : 33AADTS3913K1ZG Invoice Date : 18 Jan 2021
PLACE OF Maharashtra MH
SUPPLY :
SAC : 999512

Received with thanks from Dr.Sunil Somani

Address Shri. Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, Shegaon

Towards MemberShip Fee - Professionals MemberShip Number **7190510001**

Payment By Online - 397839316 Payment Date 18 Jan 2021

Membership Package Faculty

Membership Fee	1100.00
IGST (18%)	198.00
CGST (9%)	0.00
SGST (9%)	0.00
TOTAL	1298.00

For SAEINDIA
Membership Department



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
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in



No.1/17, Ceebros Arcade, 3rd Cross, Kasturba Nagar, Chennai - 600 020. India.
Telefax: 91 - 44-2441 1904 e-mail: ddg@saeindia.org Web : www.saeindia.org

RECEIPT

PAN NO : AADTS3913K Invoice NO : INV/2020-21/10225
GSTIN : 33AADTS3913K1ZG Invoice Date : 18 Jan 2021
PLACE OF SUPPLY : Maharashtra MH
SAC : 999512

Received with thanks from Shivashankar Pandurang Trikal

Address Shri. Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, Shegaon

Towards MemberShip Fee - Professionals MemberShip Number

Payment By Online - Payment Date 18 Jan 2021

Membership Package Faculty

Membership Fee	1100.00
IGST (18%)	198.00
CGST (9%)	0.00
SGST (9%)	0.00
TOTAL	1298.00

For SAEINDIA
Membership Department



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

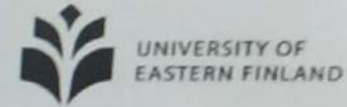
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in



Recording **LIVE** on Facebook



10th INTERNATIONAL CONFERENCE ON MANAGEMENT CASES - 2020

DECEMBER 4-6, 2020



Anna Heikkinen



Hanna Lethimäki



Hari Mohan Jha Bidyarthi



Johanna Kujala



Kohei Nishikawa



Ville-Veikko Piispanen



Esa Hiltunen



Lenovo



Certificate of Appreciation

for



Presented to

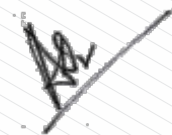
in recognition to your dedicated service to

10th | INTERNATIONAL CONFERENCE ON
MANAGEMENT CASES - 2020



Hari Mohan Jha "Bidyarthi"

on 04 December, 2020

A handwritten signature in black ink, appearing to be "A.K. Dey".

A.K. Dey
Co-Chair
ICMC BIMTECH



(A Unit of Birla Academy of Art and Culture)
Plot No-5, Knowledge Park-II, Institutional Area, Greater Noida 201306
Ph: 0120-6843000-10

GST No: 09AAATB5507B1Z8
Place of Supply: Uttar Pradesh

Receipt Number: BIMT/20-21/017

Date: 15/09/2020

Received with thanks from **Hari Mohan Jha**, the sum of INR 3540 (**INR Three Thousand Five Hundred Forty Only**) Through wire transfer / on line payment on account of the Participation fee for the **International Conference on Management Cases 2020**.

Date of Conference: December 3-4, 2020

Venue: Online, Greater Noida

INR: 3540

For Birla Institute of management technology

Accounts Department

Date: December 7th 2020

Dear Hari Mohan Jha "Bidyarthi"

10th International Conference on Management Cases 2020

Thank you so much for your support towards the program and your sacrifice of time to join us for the conference.

Please accept a sincere thanks from Team ICMC 2020 for chairing the technical session at International Conference on Management Cases 2020, scheduled on December 5th & 6th 2020, BIMTECH Campus. We are grateful that you have joined the community of volunteers who are critical for the conference's success.



Ajoy Kumar Dey
Chairperson, CMCD
ICMC, Co-Chair
BIMTECH



ShriGajananShikshanSanstha'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 SantGadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in



AICTE Sponsored


First National Conference on Innovation Management




NCIM- 22

The registration fee of the following faculty members are exempted from paying the publication and conference fee.

Sr. No.	Name of Faculty	Department
1.	Dr. H. M. Jha "Bidyarthi"	MBA
2.	Prof. Amit S. Manekar	IT
3.	Dr.Laxmikant B. Deshmukh	MBA
4.	Dr.Pavan M. Kuchar	MBA
5.	Dr.Satya M Mishra	MBA
6.	Dr.Mayur A. Dande	MBA
7.	Prof. Vishal V. Patil	MBA
8.	Prof. Wechansing Z. Suliya	MBA
9.	Prof. Bilal T. Husain	MBA


Dr. H. M. Jha "Bidyarthi"
Conference Co-ordinator


Dr. S. B. Somani
Principal

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **H.M. Jha "Bidyarthi"**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Assessing the Need of Personalizing Activities and Role to Drive Academic Innovation

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **H.M. Jha "Bidyarthi"**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Millennial Trend in Disruptive Innovation

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Laxmikant Deshmukh**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

DIGITAL MARKETING: AN INNOVATIVE APPROACH TOWARDS TRADITIONAL MARKETING

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Laxmikant B. Deshmukh**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

INNOVATIVE MARKETING STRATEGIES OF LEADING SHOE MANUFACTURES -A STUDY

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Laxmikant Deshmukh**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Petroleum swap: An innovative approach to enhance Petroleum Customer Service Level (CSL)

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. P. M. Kuchar**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Recipe for Inclusive Growth– Women Empowerment

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Pavan M. Kuchar**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

MEN AND WOMEN FROM MARS AND VENUS AT WORK

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Pavan M. Kuchar**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Revitalizing Non Profits- An Enquiry Into Innovative Inputs By Vinoba Bhave And Baba Amte

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Mayur A. Dande**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Diffusing Family Business Innovations- A case of Treasure Trove "Khandelwal Jewellers"

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. M. A. Dande**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Recipe for Inclusive Growth– Women Empowerment

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Mayur A. Dande**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

MEN AND WOMEN FROM MARS AND VENUS AT WORK

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Mayur A. Dande**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Revitalizing Non Profits- An Enquiry Into Innovative Inputs By Vinoba Bhave And Baba Amte

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. S. M. Mishra**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Recipe for Inclusive Growth– Women Empowerment

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Satya Mohan Mishra**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

MEN AND WOMEN FROM MARS AND VENUS AT WORK

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research
Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Dr. Satya Mohan Mishra**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Revitalizing Non Profits- An Enquiry Into Innovative Inputs By Vinoba Bhave And Baba Amte

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Wechansing Z. Suliya**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

An analysis of life management by public in India during pandemic Covid-19

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Wechansing Z. Suliya**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

A study and analysis of vibrant hands worked for rural development of India.

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Wechansing Z. Suliya**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

An Analysis of rural potential for fulfillment of basic needs for rural economic development model

in tribal rural area of Nimad Region, Madhya Pradesh

Dr. L. B. Deshmukh

Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"

Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,

Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Wechansing Z. Suliya**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

A need of productive mental health, for organizational and individual growth

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Prof. Vishal Vinayakrao Patil**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Dynamically Continuous Innovations in Financial Services –

A Case of AU Small Finance Bank (Badlaav Hamse Hai)

Dr. L. B. Deshmukh

Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"

Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,

Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Mr. Vishal V. Patil**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

MEN AND WOMEN FROM MARS AND VENUS AT WORK

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Mr. Vishal V. Patil**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Revitalizing Non Profits- An Enquiry Into Innovative Inputs By Vinoba Bhave And Baba Amte

Dr. L. B. Deshmukh
Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"
Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,
Patron & Principal
SSGMCE, Shegaon

**AICTE Sponsored First National Conference on Innovation Management
NCIM-22**



Organized by

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Certificate of Participation

This is to Certify that Mr./Miss/Mrs./Prof./Dr. **Bilal T. Husain**

Department of Business Administration and Research

Shri Sant Gajanan Maharaj College of Engineering Shegaon

has participated in First National Conference on Innovation Management (NCIM-22)

organized on 22nd and 23rd April, 2022 and presented a research paper titled

Identification and assessment of risks involved in construction projects in

Western Vidarbha from the perspective of civil contractors

Dr. L. B. Deshmukh

Asso. Prof. & Co-Coordinator
NCIM

Dr. H M Jha "Bidyarthi"

Prof. & Head, Coordinator
NCIM

Prof. Dr. S B Somani,

Patron & Principal
SSGMCE, Shegaon



DIGITAL INNOVATION

EDITORS

Laxmikant Baburao Deshmukh
Mayur Anil Dande
Wechansing Zyamsing Suliya
Bilal Tafazzul Husain

BLOOMSBURY

12. A Review on Pose Estimation and its Recent Progress <i>Om Masne, Mohit Bohra, Gita Fase, Kshitij Khillare and Amitkumar Manekar</i>	109
13. Interactive Smart Mirror Using Raspberry Pi 4 <i>Akshay J. Agrawal, Vaishnavi S. Kanherkar, Kalyani U. Bonde, Radhika S. Jadhav and Amit S. Manekar</i>	117
14. Taxonomy and Open Challenges of an Innovative Bio-Inspired PSO Algorithm for Optimization in Big Data Analytics Application <i>Amitkumar Manekar</i>	126
Digital Finance	
15. Innovation in Finance – A Study on Cryptocurrency in India <i>Vaishnavi Mohandas Ingle</i>	139
16. A Study of Different Investment Parameters <i>Tushar A. Wankhede</i>	148
17. Ad e-Rupi: A Financial Innovation for Transparent Delivery of Welfare Schemes <i>Prasad Khanzode and Deepeshkumar Zamad</i>	153
18. Changing Face of Rural India through Digitalization of Self-Help Groups: A Review <i>Shradha Chourasia and S.B. Kadu</i>	159
19. Innovation in Finance – A Study of Bond ETF Market with Special Reference to Bharat Bond ETF <i>Anuja Vilasrao Thakare</i>	166
Digital Learning and Education	
20. Transformational Leadership, Knowledge Management, and Educational Innovation in Higher Educational Institutes of Jodhpur <i>Nidhi Jain and Puja Gehlot</i>	181
21. Farmers Empowerment through Innovations <i>Pallavi M. Kandalkar</i>	188
22. The Experience of Students from Online Learning with Reference to Amravati City – A Study <i>Sakshi V. Deshmukh</i>	198
23. Innovation for Education in India <i>P.W. Nimbhorkar and P.B. Udasi</i>	206
24. Comparative Analysis in Lead Recycling Sector: Gravita India Ltd. vs Nile Ltd. <i>Akash Navkar, Anita Mali, Deval Gawande, Swati Ingle and Vaishali Indure</i>	212
25. Life Management in India during Covid-19 Period – A Study <i>Wechansing Z. Suliya and Ku. Madhuri Chandwani</i>	227
Author Index	233

Taxonomy and Open Challenges of an Innovative Bio-Inspired PSO Algorithm for Optimization in Big Data Analytics Application

AMITKUMAR MANEKAR

Abstract: *Nature-inspired and Bio-inspired computing and artificial intelligence encompass a wide variety of contemporary computer science, mathematics, and biological disciplines. Biomimetic computer optimization techniques are indeed a brilliant way to launch innovative and effective competitiveness methodologies that are based on the concepts and inspiration of biological evolution. In recent decades, bio-inspired optimization algorithms gained popularity in machine learning for overcoming significant challenges in engineering and science. Unfortunately, these problems are frequently regressive and governed by many regressive constraints, creating numerous problems such as time limitations and high dimensionality in choosing the optimum solution. Recent advancements attempt to integrate bio-inspired optimization algorithms to solve the problems of traditional optimization algorithms, which represent a potential approach for tackling complex optimization problems. The state-of-the-art of some contemporary bio-inspired algorithms, gap analysis, and their implementations are presented in this paper.*

Keywords: Genetic Bee Colony Algorithms, Fish Swarm Algorithm, Artificial Algae Algorithm, Chicken Swarm Optimization, Grey Wolf Algorithm, Cat Swarm Optimization, Bioinspired Algorithms, Particle Swarm Optimization

Introduction

The study of optimization is associated with identifying the optimal solutions to various challenges. Day after day, we invented a lot of operations which we endeavored to refine in necessary to come at the optimal resolution; for illustration, the trip to work may be maximized based on the number of parameters such as traffic and distance. On the other hand, the introduction of smart vehicles demands an optimization with a number of goals in mind, namely reduced wind resistance, lower fuel consumption, and increased muscle potency [1]. These optimum solutions are determined by altering the algorithm's parameters to give the solution a maximum or minimum value. As a result, numerous optimization methods have been proposed in past years with the objective of boosting existing solutions [2][3].

The conveyance of data is utilized to make successful judgments for big data analytics in IoT-based smart cities. During data collection and processing from smart devices on IoT networks, information is recorded and processing on cloud servers. Additionally, to process the huge quantity of observations, automatically massively scalable cloud computing is necessary, which may enhance the system's performance [4]. Conventional cloud-based data processing systems, according the literature, are unable to achieve performance requirement