

# Report of National Symposium cum Workshop

On

BIO-WASTE AS BIO-RESOURCE – 23<sup>RD</sup> FEBRUARY 2019

*Sponsored by*

*Sant Gadge Baba Amravati University, Amravati  
In Collaboration with Microbiologist Society, India*



Organized by

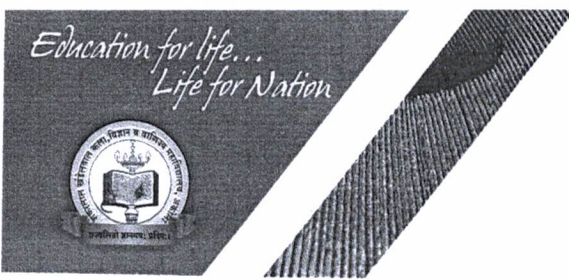
**Department of Microbiology**

**SHANKARLAL KHANDELWAL ARTS, SCIENCE AND COMMERCE  
COLLEGE, AKOLA**

**Godbole Plot, Old City, Akola (MH)**

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Shikshan Prasarak Mandal, Akola's (Estbd. 1957)

**SHANKARLAL KHANDLWAL**

**ARTS, SCIENCE & COMMERCE COLLEGE, AKOLA (M.S.)**

(Estbd. 1999, Recognized by Govt. of Maharashtra & Permanently Affiliated to S.G.B. Amravati University)

NAAC Accredited Grade "B" with C.G.P.A. 2.88 ▲ College Code : 229

Godbole Plots, Dabki Road, AKOLA - 444 002 (M.S.) Phone / Fax : 0724 - 2425508 , 2429818 Email : skascc229@sgbau.ac.in visit us at : www.khandelwalcollege.edu.in

Letter No. *SKC/EST/127/2019*

Date : *30.03.19*

To  
The Deputy Register (Development)  
S.G.B. Amravati University, Amravati

Subject: - Submission the report of National Symposium for post sanction & financial assistance...

Ref: - Our college letter dated 08-01-2019

Respected Sir,

With the above reference, we have organized the national symposium on the subject '**Bio-waste as Bio-resource**' on 23<sup>rd</sup> Feb. 2019. The report of the same along with audited statement of receipt and expenditure duly sign by Charter Accountant and Principal is submitted for your sanction and financial assistance.

Thanking you.

*J. M. Saboo*  
(Dr. J. M. Saboo)  
Principal  
Shankarlal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)

Encl: Detail report of Symposium  
Audited Statement of expenditure

*012* *132*  
*30/03/19*

**Report of National Symposium cum Workshop  
On  
“Bio-Waste as Bio-resource”**

The National Symposium cum Workshop was inaugurated on 23<sup>rd</sup> Feb.2019 at 10.30 am at the hands of Hon. Vijay Agrawal ,Mayor of Akola Municipal Corporation & Chief Guest Adv. R. S. Thakare, Trustee of Raj Rajeshwar Santh, Akola. The University song was played at the starting of event. The programme was chaired by Hon. Rajkumar Chaware, Vice President of Shishan Prasark Mandal, Akola. Hon Dr. A. M. Deshmukh, President of Microbiologist's society, and the Keynote Speaker Dr. Uday Bhawalkar, Director, Bhawalkar Ecological Research Institute, Pune graced the occasion.

Principal Dr. J. M. Saboo delivered the welcome address. This was followed by the introductory speech by the convener Dr. Aarti Deshpande. Hon. Vijay Agrawal appreciated the efforts of the institution for organizing the conference on such a vital issue. Dr. A. M. Deshmukh addressed the audience on behalf of Microbiologist's Society. Presidential address was given by Hon. Rajkumar Chaware. The programme was anchored by Prof. Dimpal Mapari & Dr Jayshri Sakalkale, organizing secretary, Dr. Dnyansagar Bhokare proposed vote of thanks & the Inaugural programme concluded with vande Mataram by Mr. Sanjay Tikande.

**Key Note Address:**

The inaugural session was followed by key note address of Hon. Dr. Uday Bhawalkar, on “Zero Discharge can improve the Bottom line.” He explained various applications of the ecochip technology developed and patented by him. Hon Dr. A. M. Deshmukh was the chairperson for the session. Key note address was followed by technical sessions as per the following schedule.

**1<sup>st</sup> Technical session      Time: 11:45 to 1:30 pm      Venue: Bhusaheb Godbole Sabhagruha**

1. The 1<sup>st</sup> Invited talk on ‘Garbage to Garden’ was given by Dr. Manisha Date (Director, Soilink Waste Management, Pune) and the chairperson for the session was Dr. Archana Pethe, Head, Dept. of Microbiology, Shri. Shivaji College, Akola.
2. The 2<sup>nd</sup> Invited talk on ‘Waste to Energy – Solution for tomorrow's Energy’ by Dr. Madhuri Narra, (Principal Scientist, Sadar Patel Renewable Energy Research Institute , Vallabh Vidyangar, Gujarat). This talk was cancelled due to her health problem, so hard copy of talk was circulated. ( Page No -06 in Souvenir)

**Poster Presentation Session – Time 2.00 pm to 3.15pm      Venue- Room No 6 & 7**

Total 58 posters were presented by Research Scholars and students on two different themes viz. ‘Bio waste as Bio resource’ and ‘Life Science for Sustainable Development’. The



poster competition was inaugurated at the hands of Dr. Vijay Nanoti, Principal RLT Sci. College, Akola. The Panel of Jury for poster competition was Dr. D. H. Tambekar, Dr. S. D. Patil, Prof K. D. Penshanwar, Dr. C. S. Ukesh, Dr. Suhas Khandare and Dr. Yamini Patil. The poster session was followed by 2<sup>nd</sup> technical session.

**2<sup>nd</sup> Technical Session**      **Time:** 3.30 to 4.30 pm **Venue:** Bhusaheb Godbole Sabhagruha

The 3<sup>rd</sup> Invited talk on “Organic waste disposal through City Farming” was given by Dr. R. R. Deshpande, Hon. Director, MGM- Clean India Centre, Aurangabad(MS) and Dr. Nikhilesh Kulkarni was the chairperson for the session.

In this symposium total 4 invited talks including Key note address were arranged, but due to unavoidable health problem of Dr. Madhuri Narra, her talk in 1<sup>st</sup> session was cancelled. Total 42 delegates 101 research students and PG students attended and took active participation in the symposium.

The symposium was concluded with the Valedictory session. Hon. Dr. J. M. Saboo, Principal of our college chaired the session. Hon. Dr. Rajesh Jaipurkar Pro. VC, SGB, Amravati University, Amravati graced the occasion as Chief Guest & Dr. R. R. Deshpande and Prof. Anil Garode were the guests of honor. Dr. A. M. Deshmukh also graced the function. In the beginning organizing secretary of National symposium Dr. D. D. Bhokare read the report, Dr. Yamini Patil announced the results of poster presentation competition and prizes were given at hands of Chief Guest. This was followed by the address of Hon. Pro VC Dr. Rajesh Jaipurkar. At the end Principal Dr. J. M. Saboo delivered his presidential address. Vote of thanks was proposed by Dr. Milind Shirbhate, Treasurer of National symposium. The programme was anchored by Dr. Nisha Warade. The valedictory session and symposium concluded with ‘Vande Matram’ by Mr. Sanjay Tikande.

Shankarlal Khandelwal College, Akola  
One Day National Workshop on Bil Waste as Bio Resource  
Spouncer by /SGBAU Aniravati /SKC IQAC/Microbiologist society of India

Receipt		Expenses		45.00-23/02/2019	
Spot Registration	41450.00	TA/DA to Resource Persons & Special Invitees			
Online Registraion	10900.00	Dr. Uday Bhawalkar	4385		
Rajeshwar Sansthan	11000.00	Dr. A.M. Deshmukh	795		
		Dr. Manisha Date	2545		
		Hotel Tushar Executive	9720	17445	
Microbiologist Society	4000.00	Honararium to Resource Persons			
By Shankarlal Khandelwal College (A/c 1026005005175)	31995.00	Dr. Uday Bhawalkar	1100		
		Dr. A.M. Deshmukh	1500		
		Dr. A.R. Deshpande	2800		
		Dr. Manisha Date	3000		
		Dr. Jaipurkar	2000	10400	
		Organisational Expenses			
		Prupati Paper Ind.	2251		
		Shree Balaji Bag Works	3500		
		Swara Graphics	2350		
		Shree Ramkrishna Vivekanand	1780		
		Balaji Digital Lab	4640		
		Abhipray Creation	2100		
		Pankaj Traders	1420	18041	
		Stationery & Postage Exp.			
		Bana-Bani Collection	2250		
		Dr. M.V. Shirbhate Voucher	500		
		Pankaj Traders	2700	5450	
		Workshop Materail Exp.			
		Parun Crocut	1995		
		Paramount Sports	1710		
		Wakky Shahu Voucher	550		
		Swara Sanarth Kendra	200		
		Shree Balaji Works	525	4980	
		Hospitality Expenses			
		Murti Sweet Mart	3900		
		Murti Sweet Mart	31995	35895	
		Miscellaneous Expenses			
		Surbhi Corner	144		
		Ramkrishna Agency	300		
		Gajanan Binding	200		
		Gulshan Stores	210		
		Merendra Mayce Voucher	500		
		Shreekrupa Richhayat Kendra	1400		
		Vazifdar & Co.	1000		
		Swastik + Rajeshwar	290		
		Swastik Comp	300		
		Swastik Sharma Voucher	200		
		Shree Balaji Balaji	950		
		Shree Balaji Balaji	1640	7134	
	<b>99345</b>			<b>99345</b>	



Treasurer.

Dr. M.V. Shirbhate



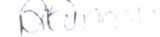
Convener

Dr. A.R. Deshpande



Principal

A. G. Pimparkhede & Co.  
Chartered Accountants



Partner 29.3.19  
M.No 046156

8/1/19

To,

The Assistant Registrar,

Development Section,

Sant Gadge Baba Amravati University,

Amravati.

Sub:- About financial assistance to National Symposium cum Workshop

Respected Sir,

We are happy to inform you that we are organising National Symposium cum workshop entitled "**Bio-waste as Bio-resource**" on 23/2/2019. We would like to receive the required financial assistance of Rs.30,000/- from Sant Gadge Baba Amravati University, Amravati for organising this event. We have enclosed herewith the details of the proposal for your perusal. We request you to please give us required financial assistance. This will also add dignity to the event and contribute for the beneficial outcome required for the development of our region.

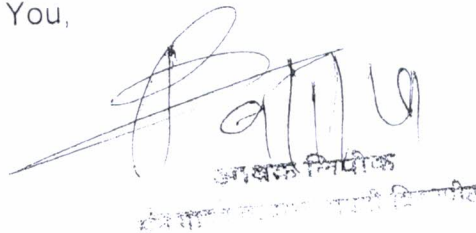
Thanking You,



Dr. Aarti R. Deshpande

Convener

Head Department of Microbiology  
Bhamburda Khandeshkar College



Principal  
Principal  
Shankar J. Khandeshkar  
Science B. D. Khandeshkar  
Bhamburda Khandeshkar College

Education for life...  
Life for Nation



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Letter No.

To,

Date : 30/1/2019

Dr. Ravindra R. Deshpande,

Hon. Director,

MGM Clean India Centre,

Aurangabad,

Sub: Invitation as Resource person ,

Respected Sir,

We are organizing National symposium cum workshop entitled "Bio-waste as Bio-resource" on 23 Feb 2019. We are happy to invite you as resource person to deliver a talk on your work and research related with clean Aurangabad project. We will be highly obliged if you accept this invitation and share your valuable ideas and experiences about the above mentioned project to motivate the audience to take initiatives for clean India. We request you to please communicate yours consent and your travel plan.

Thanking you.

With respectful regards,

Convener,

Dr. A.R. Deshpande

Principal,  
Principal  
Shankarlal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)



1994年12月15日 星期三

145000

Pude.

Dr. J.M. Saboo





Letter No.

To,

Date : 23/1/19

The Director,

Sardar Patel Renewable Energy Research Institute,

Anand, Gujrat.

Sub: Request to send Dr. Madhuri Narra for invited talk in National Symposium at Akola ,

Respected Sir,

We are organizing National symposium cum workshop entitled "Bio-waste as Bio-resource" on 23 Feb 2019 in our college. . Dr. Datta Madamwar has suggested about your esteemed institute and Dr. Madhuri Narra as invited speaker to talk on Bio-waste to energy conversion . Considering the work of your institute in this area, we are happy to invite Dr. Madhuri Narra as resource person to deliver her expert talk on the subject. This will be beneficial for the development in this region regarding the issue since the talk will get wide publicity. We also intend to involve the local municipal authorities so that some beneficial activities can be initiated in this regard. We will be highly obliged if you accept this invitation and depute her for invited talk on the occasion. We request you to please communicate your acceptance at your earliest so that the travel arrangements can be done immediately. .

Thanking you.

With regards,

Convener,

Dr. A.R. Deshpande

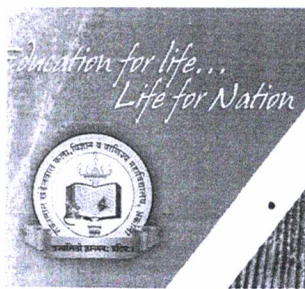
(9423150406)

Principal,

Principal

**Shankarlal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)**

Copy to:- Dr. Manisha Narra



Shikshan Prasarak Mandal, Akola's (Estbd. 1957)

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Letter No. SK/EST/68/2019

Date : 11-02-2019

To,  
Hon. Vice Chancellor,  
Sant Gadge Baba Amravati University,  
Amravati.

Sub :- Request for your valuable message for the Souvenir of  
National Symposium Cum Workshop on '**Bio-Waste as  
Bio-Resource.**'

Respected Sir,

We are pleased to inform you that we are going to organize  
National Symposium on '**Bio-Waste as a Bio-Resource**' in our college  
on 23-02-2019. We most humbly request you to please send your  
message for the Souvenir to be published in this event. Your words  
will motivate the budding researchers in this area.

Thanking you in anticipation.

OK  
13/02/19  
13/02/19

Yours faithfully

  
Principal  
Shankarlal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)

To,  
The Commissioner,  
Akola Municipal Corporation,  
Akola,

Sub:- Invitation as the guest of Honour for National Symposium.

Respected Sir,

We are delighted to invite you for the inauguration of National Symposium cum Workshop on 'Bio-Waste as a Bio-Resource' in our college on 23<sup>rd</sup> Feb.2019 at 9.30 a.m.


We request you to please accept our invitation and grace the occasion with your auspicious presence as the guest of Honour. Your words will certainly motivate the participants and will definitely contribute for beneficial outcome of the event. Please give us consent and make it convenient.

With respectful regards,

Organizing secretary,



Dr. D.D. Bhokare



Principal  
Principal  
Shankar Lal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)  
Dr. J.M. Saboo



To,  
The Mayor,  
Akola Municipal Corporation,  
Akola.

Sub:- Invitation as the chief guest for National Symposium.

Respected Sir,

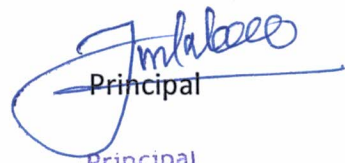
We are delighted to invite you for the inauguration of National Symposium cum Workshop on 'Bio-Waste as a Bio-Resource' in our college on 23<sup>rd</sup> Feb.2019 at 9.30 a.m.

We request you to please accept our invitation and grace the occasion with your auspicious presence as the chief guest. Your words will certainly motivate the participants and will definitely contribute for beneficial outcome of the event.  
Please give us consent and make it convenient.

With respectful regards,

Organizing secretary,

  
Dr. D.D. Bhokare

  
Principal  
Principal  
Shankarlal Khandelwal Arts,  
Science & Commerce College,  
Dr. J.M. Saboo  
AKOLA (M.S.)

SKC/Gen/72/2019.

13/02/2019.

To,  
Dr. Rajeshji Jaipurkar  
Hon. Pro- Vice Chancellor  
Sant Gadge Baba Amravati University,  
Amravati.

Sub:- Invitation as the inaugural guest for National Symposium.

Respected Sir,


We are delighted to invite you for the inauguration of National Symposium cum Workshop on 'Bio-Waste as a Bio-Resource' in our college on 23<sup>rd</sup> Feb.2019 at 9.30 a.m.

We request you to please accept our invitation and grace the occasion with your auspicious presence as the inaugural guest. Your words will certainly motivate the participants and will definitely contribute for beneficial outcome of the event. Please give us consent and make it convenient.

With respectful regards,

  
Convener,

Dr. Aarti Deshpande

  
Principal  
Principal  
Shankarlal Khendelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)



Shikshan Prasarak Mandal, Akola's (Estbd. 1957)

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Letter No.

Date : 30/1/2019

To,

The President,

Rajeshwar Sansthan Trust,

Akola.

Sub: About financial assistance for organizing National Symposium cum Workshop entitled

' Bio-Waste as Bio-resource'

Respected Sir,

We are happy to inform you that our college is organising a national symposium cum workshop on 'Bio- waste as Bio- resource' on 23<sup>rd</sup> Feb 2019. The technology for beneficial use of bio- waste will be discussed in this event. We hope that the event will motivate the people to take new initiatives for beneficial bio-waste management. The event can be more fruitful if you join with us for organizing this event by contributing Rs. 15,000/-. Your positive response will bring new energy for the event organization and will contribute for enhancing the awareness and interest among the people of our region to mitigate the burning problem of solid waste management.

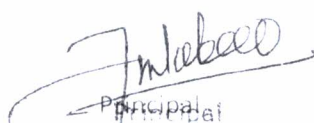
Thank you.

With sincere regards ,

  
convener,

Dr. Aarti Deshpande,

9423150406

  
Principal  
Shankarlal Khandelwal Arts,  
Science & Commerce College,  
AKOLA. (M.S.)





To,

Book - Post

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From  
**Dr. Jagdish M. Saboo**  
Principal



## SHANKARLAL KHANDLWAL ARTS, SCIENCE AND COMMERCE COLLEGE

Godbole Plots, Dabki Road, Akola 444 002 (MS) India

Phone & FAX 0724 - 2425508

Email : [akikrupa@dataone.in](mailto:akikrupa@dataone.in) | [nswbb.skakola@gmail.com](mailto:nswbb.skakola@gmail.com)

Website : [khandelwalcollege.edu.in](http://khandelwalcollege.edu.in)



" Education for Life & Life for Nation "

### National Symposium Cum Workshop

On

## Bio-waste as Bio-resource

Sponsored by

Sant Gadge Baba Amravati University, Amravati



**23**  
Feb  
2019



Organized by

Department of Microbiology and Internal Quality Assurance Cell (IQAC)

**SHANKARLAL KHANDLWAL ARTS, SCIENCE AND COMMERCE  
COLLEGE AKOLA (MS).**

(Accredited by NAAC, grade 'B' with CGPA 2.88)

(Affiliated to SGB Amravati University, Amravati. MS)



In Collaboration with

**Microbiologist Society, India**

**Dr. Jagdish M. Saboo**  
Principal

**Dr. A.R. Deshpande**  
Convener

**Dr. D.D. Bhokare**  
Organizing Secretary

**Dr. M.V. Shirbhate**  
IQAC Coordinator  
& Treasurer



## Objectives :-

This symposium cum workshop is intended to enhance awareness, interest and knowledge concerned with the scientific, entrepreneurial and practical aspects of the theme. The event will emphasize on topics such as decentralized waste processing, gardening on garbage and bio-waste to energy.

## About Us :-

The parent Society, Shikshan Prasarak Mandal Akola established in 1958 is a pioneer institution imparting value based education since its inception. The Society is running 05 educational institutions under its wings by fostering the needs of over 6000 students. Shankarlal Khandelwal College, Akola established in 1999 with a mission of facilitating students for higher education and cultivate research Culture among them. The college has five U.G Programmes (B.A, B.Com, B.Sc., B.C.A.&B.B.A), three add on courses and two PG programs.

## About Akola :-

Historically the city is well known for the local deity Raj Rajeshwar Temple Famous Gajanan Maharaj temple and Anand Sagar, Shegaon are just 45km from akola. Akola is a district place 250km away from the mid point of India Nagpur city. It is well connected with almost all the metropolises of India like Chennai, Delhi, Hyderabad, Jaipur, Howrah and Mumbai by train & frequent buses are available to & for Nagpur and Bhusawal.

## Poster Competition :-

Entries are invited from research scholars and PG students for presenting posters on Research / Innovations / Technologies / Models for the topics

1. Bio-waste as Bio-resource,
2. Life Sciences for Sustainable development

Poster Size  
1 meter x 1 meter.

## Submission of Abstract :-

Abstract should be in MS-Word file format, Font - Times New Roman, Title - 14pt Bold, Author Name - 12pt Bold, Inst. Name - 12pt Italics, Abstract - 12pt,

**Last date of Submission - 12 Feb 2019**

## Registration fee

**Before 12 Feb 2019**  
Students Rs. 300/-  
Delegates Rs. 500/-

**After 12 Feb 2019**  
Students Rs. 400/-  
Delegates Rs. 600/-

## Chief Patron

**Hon. Dr. Murlidhar G. Chandekar**  
Vice Chancellor,  
Sant Gadge Baba Amravati University, Amravati

## Patron

**Hon. Dr. Taratai A. Hatwale**  
President, Shikshan Prasarak Mandal, Akola  
**Hon. Rajkumar D. Chaware**  
Vice President, Shikshan Prasarak Mandal, Akola  
**Hon. Gopal S. Khandelwal**  
Secretary, Shikshan Prasarak Mandal, Akola

## Advisory Committee

<b>Dr. Arvind M. Deshmukh</b>	<b>Dr. Vijay Nanoty</b>
<b>Dr. Datta Madamwar</b>	<b>Dr. Nitin Firke</b>
<b>Dr. Suchita Ninawe</b>	<b>Dr. Vilas Kamble</b>
<b>Dr. Sanjeev Patankar</b>	<b>Dr. Sanyogita Deshmukh</b>
<b>Dr. Pradeep Tumane</b>	<b>Dr. Archana Pethe</b>
<b>Dr. Vijay Charde</b>	<b>Dr. Anil Garode</b>
<b>Dr. Arti Shanware</b>	<b>Dr. Umesh Bhalekar</b>
<b>Dr. Swati Peshawe</b>	<b>Dr. Chandrakiran Ukesh</b>
<b>Dr. Suhas Khandare</b>	<b>Dr. Nikhilesh Kulkarni</b>
<b>Dr. Shivaji Waghmare</b>	<b>Dr. Yamini Patil</b>
<b>Dr. Suchitra Godbole</b>	<b>Dr. S. B. Dahikar</b>
<b>Dr. Sunil Thorat</b>	<b>Dr. I. A. Raja</b>
<b>Dr. Arun Ingle</b>	<b>Dr. Sushil Nagrale</b>
<b>Dr. Ajay Jadhao</b>	<b>Dr. Manish Ahir</b>
	<b>Dr. Amruta Shirbhate</b>

## Programme :-

	Morning	Noon
Registration and Breakfast -	8.30 to 09.30AM	Lunch - 1.00 to 1.30PM
Inaugural and keynote address -	9.30 to 11.00AM	Poster Competition - 1.30 to 2.30PM
Invited talk - 1	11.10 to 12.00PM	Technical Session - 2.30 to 4.30PM
Invited talk - 2	12.10 to 1.00PM	Valedictory 4.45 to 5.30PM



Sant Gadge Baba Amravati University, Amravati  
Sponsored

National Symposium Cum Workshop

On

Bio-waste as Bio-resource

Registration Form

23  
Feb  
2019

Name : .....  
Designation : ..... Category : Students/Teachers  
Sex : Male / Female  
Name of the Institution : .....  
Address for correspondence : .....  
Phone No. / Mobile : .....  
Email : .....  
Accommodation required : Yes / No  
Registration fee details : Amount : .....  
Transaction No. & Date : .....

Date : ..... Signature .....

Registration form is available on college website in word format, may be sent by email

The registration fee may be paid in advance

Name of Account Holder - Principal, Shankarlal Khandelwal College, Akola  
Bank of Maharashtra Ac. No. 60118536576 | IFSC No. MAHB0001156

Registration fee			
Before 12 Feb 2019		After 12 Feb 2019	
Students	Rs. 300/-	Students	Rs. 400/-
Delegates	Rs. 500/-	Delegates	Rs. 600/-

Correspondence

Dr. A. R. Deshpande  
Convener  
Cell : 9423150406

Dr. D. D. Bhokare  
Organizing Secretary  
Cell : 7020514155

Dr. M. V. Shirbhate  
Treasurer & IQAC Coordinator  
Cell : 9657731118

✉ nswbb.skakola@gmail.com | bsagar\_sk@rediffmail.com | iqacskakola@gmail.com



ONE DAY NATIONAL SYMPOSIUM CUM WORKSHOP ON  
BIO WASTE AS BIO RESOURCE – 23<sup>rd</sup> FEBRUARY 2019

*Sponsored by*

Sant Gadge Baba Amravati University, Amravati

*Organized by*

SHANKARLAL KHANDELWAL ARTS, SCIENCE AND COMMERCE COLLEGE, AKOLA

IN COLLABORATION WITH MICROBIOLOGIST SOCIETY, INDIA

**Programme Schedule of**

- *Registration and Breakfast* 8.30 to 9.30 am
- *Inaugural function in Presence of* 9.30 to 10.15 am  
*Hon. Vijayji Agrawal, Mayor of A.M.C.*  
*Hon. Sanjayji Kapadnis, Commissioner of A.M.C.*  
*Hon. Dr. A. M. Deshmukh, President, Microbiologist Society, India*  
*Hon. Rajkumar Chore, Vice President, S.P.M., Akola*
- *Keynote address by Dr. Uday Bhawalkar* 10.15 to 11.00 am  
*(Executive Director, Bhawalkar Ecological Research Institute, Pune)*
- *Invited talk by Dr. Manisha Date* 11.15 to 12.15pm  
*(Managing director, Soiling waste management systems, Pune)*
- *Invited talk of Dr. Madhuri Narra* 12.20 to 1.00 pm  
*(Principal Scientist, Sadar Patel Renewable Energy Research Inst., Vallabh Vidyangar, Gujrat)*
- *Lunch* 1.00 to 1.30 pm
- *Poster Competition* 1.30 to 2.30 pm
- *Technical session by Dr. R. R. Deshpande* 2.30 to 4.30 pm  
*(Director, M. G. M. Clean India Centre, Auragabad)*
- *Valedictory function in Presence of* 4.45 to 5.30 pm  
*Hon. Pro- VC Rajesh Jaipurkar, S.G.B. Amravati University, Amravati*  
*Hon. Principal J. M. Saboo*



SHANKARLAL KHANDELWAL ARTS, SCIENCE AND COMMERCE COLLEGE, AKOLA

IN COLLABORATION WITH

MICROBIOLOGY SOCIETY OF INDIA

ORGANISED

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23<sup>RD</sup> FEBRUARY 2019

Inauguration Ceremony

9:30 – 10:40 a. m.

Schedule

Arrival of the guest	9:30
Vidyapeeth Geet	9:30 – 9:35
Kindling of the lamp	9:35 – 9:37
Introduction of the seminar – Dr. A. R. Deshpande	9:37 – 9:40
Welcome and Introduction of the guests – Principal Dr. J. M. Saboo	9:40 – 9:45
Felicitation of the guests	9:45 – 9:50
Theme Song	9:50 – 9:55
Unveiling the souvenir	9:55 – 10:00
Addresses - 1) Hon. Sanjayji Kapadnis 2) Hn. Vijayji Agrawal 3) Hon. Dr. A. M. Deshmukh	10:00 - 10:30
Presidential Address	10: 30 – 10:35
Vote of thanks	10:35 - 10:40

## मी जैविक कचरा बोलतोय

मी जैविक कचरा बोलतोय  
उकिरड्यावरी टाकू नका  
घाण माझी होऊ देऊ नका  
माझी किमया तुम्ही बघा ना  
तुम्ही माझ्याशी मैत्री करा ना  
मी जैविक कचरा बोलतोय

तुम्हासाठी मी जन्म घेतला  
तुम्हासाठी झिजणार  
तुम्ही योग्य वापर केला तर  
उपयोगी ठरणार  
मी जैविक कचरा बोलतोय

कचरा का हो मानता मला  
जैविक धन मी आहे  
खत, इंधन, वीजही पुरवण्या  
माझा जन्म आहे  
मी जैविक कचरा बोलतोय

तुम्ही निसर्ग प्रेमी व्हा ना  
माझी योग्य काळजी घ्या ना  
मला रुपांतरित करा ना  
मला वापरून धन कमवा ना  
माझे सोने करून घ्याना  
माझ्या प्रती दृष्टी बदला ना  
मला संसाधन होऊ द्या ना  
मी जैविक कचरा बोलतोय

# SHANKARLAL KHADELWAL ARTS, SCIENCE AND COMMERCE COLLEGE, AKOLA (MS).



National Symposium Cum Workshop on

## Bio-waste as Bio-resource

23<sup>rd</sup> February 2019

Sponsored by

Sant Gadge Baba Amravati University, Amravati

Organized by

Department of Microbiology and  
Internal Quality Assurance Cell (IQAC)

In Collaboration with



Microbiologist Society, India

## Certificate

This is to certify that

of  
has actively participated in the National  
Symposium cum Workshop on "Bio-waste as Bio-resource" (NSWBB-2019) organized by Department of  
Microbiology and Internal Quality Assurance Cell, Shankarlal Khandelwal Arts, Science and Commerce College,  
Akola (MS) on 23<sup>rd</sup> February, 2019 and presented a paper in poster session entitled

**Dr. D. D. Bhokare**  
Organizing Secretary

**Dr. A. R. Deshpande**  
Convener

**Dr. A. M. Deshmukh**  
President Microbiologist Society, India

**Dr. J. M. Saboo**  
Principal





Sant Gadge Baba Amravati University, Amravati.  
(NAAC Accredited with 'A' Grade)



Sponsored  
National Symposium cum Workshop

On

"Bio-waste as Bio-resource"

23<sup>rd</sup> February, 2019

**FEEDBACK FORM FOR THE FACULTY/RESEARCH SCHOLAR/STUDENTS**

We are keen to receive your views on the symposium/workshop. The feedback you give will allow us to improve ourselves to better suit your needs. We would appreciate it if you could spend a few minutes filling in this form before you leave.

Please hand it to the organizer when you've finished.

All feedbacks will be treated as confidential.

Title of Symposium/Workshop Session:

Date:

Bio-waste as Bio-resource  
23/02/2019

Please indicate with an ☒ your impression of the items listed below.

Session	Bad/ Disagree	Average/ Neutral	Good/ Agree	Excellent/ Strongly Agree
The objectives of the session were clearly defined.			<input checked="" type="checkbox"/>	
Did the session content meet your expectations? Content was organized and easy to follow.			<input checked="" type="checkbox"/>	
Can you practically apply the course material to your work situations?			<input checked="" type="checkbox"/>	
Was this training appropriate for your level of experience?			<input checked="" type="checkbox"/>	
How knowledgeable was/were the facilitator(s) on the subject matter?		<input checked="" type="checkbox"/>		
The facilitator(s) explained and illustrated the concepts clearly and in an understandable way?			<input checked="" type="checkbox"/>	
The facilitator(s) efficiently handled questions that were asked?		<input checked="" type="checkbox"/>		
How would you rate their facilitation skills on the whole?			<input checked="" type="checkbox"/>	

## OPEN-ENDED COMMENTS

What did you like about the workshop?

all is well. we concentrate about  
reprogenes.

What aspect of the Symposium/Workshop could be improved?

→ No As soon as

Outline 3 things that you will take with you/have learnt in this Symposium/Workshop.

— very well business strategies

	Poor	Average	Good	Excellent
Overall Verdict	1	2	3	4
Session Content	1	2	3	4
Expert	1	2	3	4
I'm glad I Came	1	2	3	4

Name:

Arunal Mohajan

Designation at your College:

M.Sc. Agriculture

Department and College:

Plant pathology

Email ID:

agzishu27@gmail.com

Mobile Number:

9422200215

Thank You for your participation!



Sant Gadge Baba Amravati University, Amravati.  
(NAAC Accredited with 'A' Grade)



Sponsored  
National Symposium cum Workshop

On  
"Bio-waste as Bio-resource"  
23<sup>rd</sup> February, 2019

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Please hand it to the organizer when you've finished.

All feedbacks will be treated as confidential.

Title of Symposium/Workshop Session:

Bio waste as Bioresource

Date:

23/2/19

Please indicate with an ✓ your impression of the items listed below.

Session	Bad/ Disagree	Average/ Neutral	Good/ Agree	Excellent/ Strongly Agree
The objectives of the session were clearly defined.			✓	
Did the session content meet your expectations? Content was organized and easy to follow.			✓	
Can you practically apply the course material to your work situations?		✓	✓	
Was this training appropriate for your level of experience?				
How knowledgeable was/were the facilitator(s) on the subject matter?		✓		
The facilitator(s) explained and illustrated the concepts clearly and in an understandable way?				✓
The facilitator(s) efficiently handled questions that were asked?				✓
How would you rate their facilitation skills on the whole?				✓



### OPEN-ENDED COMMENTS

What did you like about the workshop?

All session are good.

What aspect of the Symposium/Workshop could be improved?

we need to improve

Outline 3 things that you will take with you/have learnt in this Symposium/Workshop.

- Renewale the biowaste
- dont throw garbage use it as resource

	Poor	Average	Good	Excellent
Overall Verdict	1	2	3	4
Session Content	1	2	3	4
Expert	1	2	3	4
I'm glad I Came	1	2	3	4

Name:

Shrutika G. Katekar

Designation at your College:

Student

Department and College:

microbiology Dep, Shivaji coly. Akola,

Email ID:

shrutika.katekar23@gmail.com

Mobile Number:

9881929114

Thank You for your participation!

## Inaugural Function



## Highlight of Technical session

	
<p>Invited talk by Dr. Manisha Date</p>	<p>Dr. Archana Pethe ,Chairperson of the session</p>
	
<p>Felicitation of Invited speaker Dr. Manisha Date</p>	<p>Anchoring the session by Dr. Jayshri &amp; Prof. Dimple</p>
	
<p>Dr. R. R. Deshpande delivering his talk</p>	<p>chairperson of session of Dr. N. S. Kulkarni</p>
	
<p>Felicitation of Dr. N. S. Kulkarni (Chairperson of session) and Dr. R. R. Deshpande (invited speaker)</p>	



## Poster Session





## Valedictory Function

	
<p>Valedictory function</p>	<p>Felicitating of Hon. Pro VC Rajesh Jaipurkar</p>
	
<p>Prize distribution ceremony</p>	
	
<p>Feed back of Participant Dr. Suhas Khandare</p>	<p>Valedictory speech of Hon. Pro VC Rajesh Jaipurkar</p>
	
	<p>Anchoring the session by Dr. Nish Warade</p>



## Highlight of Symposium





# जैविक कचरा, जैविक धनस्रोत: खंडेलवाल महाविद्यालयात राष्ट्रीय चर्चासत्र

मातृदूत 25-07-2019



अकोला दि. २४ - शंकरलाल खंडेलवाल महाविद्यालयात संत गाडगेबाबा अमरावती विद्यापीठ, मायक्रो-बायोलॉजिस्ट सोसायटी इंडिया व राजेश्वर संस्थान अकोला यांच्या संयुक्त विद्यमाने एक दिवसीय राष्ट्रीय स्तरावरील परिसंवाद तथा कार्यशाळा झाली. या परिसंवादाचे

उद्घाटन महापौर विजय अग्रवाल यांच्या हस्ते झाले. कार्यक्रमाचे अध्यक्ष शिक्षण प्रसारक मंडळ अकोलाचे उपाध्यक्ष प्रा. राजकुमार चवरे होते.

यावेळी व्यासपीठावर बीजभाषक डॉ. उदय भवाळकर पुणे, डॉ. अरविंद देशमुख, नाना कुळकर्णी, अॅड. आर.एस. ठाकरे, ए.एम.

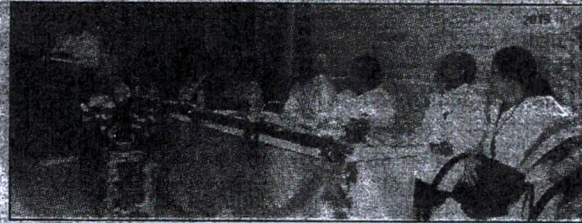
देशपांडे, प्राचार्य जगदीश साबू उपस्थित होते. प्रास्ताविक डॉ. आरती देशपांडे यांनी तर आभार डॉ. ज्ञानसागर भोकरे यांनी केले. यावेळी विजय अग्रवाल यांनी जैविक कचऱ्याचे व्यवस्थापन करताना त्याला समस्या न मानता एक संधी मानले पाहिजे. त्यापासून विविध प्रकारची खते, बायोगॅस, जैविक

इंधन, विविध वस्तू निर्मिती, कच्चा माल बनविला जाऊ शकतो. त्यात सर्वांनी सहकार्य करण्याची गरज व्यक्त केली. यावेळी मार्गदर्शन करताना ए.एम. देशमुख यांनी जैविक कचरा यातील विविध पैलूवर मार्गदर्शन केले.

या परिसंवादात डॉ. अर्चना पेठे, डॉ. मनीषा दाते, डॉ. आर.आर. देशपांडे, डॉ. एन.एस. कुळकर्णी यांनी विविध सत्रात मार्गदर्शन केले. त्यात कचऱ्याचे सेंद्रीय व्यवस्थापन व नागरी समस्या व माती विरहीत जैविक खताची निर्मिती हे विषय होते. परिसंवाद व कार्यशाळा समारोप सं.गा.बा.अ. विद्यापीठाचे प्र.कुलभूषू डॉ. राजेश

जयपूरकर यांच्या प्रमुख उपस्थितीत संपन्न झाला. यावेळी व्यासपीठावर अध्यक्ष म्हणून प्राचार्य डॉ. जगदीश साबू तर प्रमुख अतिथी म्हणून प्राचार्य अनिल गरूड, आर.आर. देशपांडे उपस्थित होते. यावेळी आयोजित पोस्टर स्पर्धेत अमरजा खेडकर, येशू फयाते, राहुल शेते, महवीस फातिमा, ऐश्वर्या वर्मा यांनी पारितोषिके पटकाविली. यावेळी डॉ. दिलीप ताबेकर, डॉ. सुहास खंडारे, डॉ. यामिनी पाटील, डॉ. चंद्रकिरण उकेश, किशोर पेंशनवार, उदय वझे, मिलिंद शिरभाते उपस्थित होते. परिसंवाद व कार्यशाळेला शिक्षक, विद्यार्थी बहुसंख्येने उपस्थित होते.

## जैविक कचऱ्याचे व्यवस्थापन एक संधी



महापौर विजय अग्रवाल यांचे प्रतिपादन

जैविक कचरा, जैविक धनस्रोत या विषयावर परिसंवाद व कार्यशाळा

◆ अकोला, २३ फेब्रुवारी

जुने शहरातील शंकरलाल खंडेलवाल महाविद्यालयात संत गाडगेबाबा अमरावती विद्यापीठ, मायक्रोबायोलॉजिस्ट सोसायटी इंडिया व राजेश्वर संस्थान अकोला यांच्या संयुक्त विद्यमाने राष्ट्रीय स्तरावरील एक दिवसीय परिसंवाद तथा कार्यशाळा संपन्न झाली.

या परिसंवादाचे उद्घाटन महापौर विजय अग्रवाल यांच्या हस्ते झाले. कार्यक्रमाच्या अध्यक्षस्थानी शिक्षण प्रसारक मंडळाचे उपाध्यक्ष प्रा. राजकुमार चवरे होते. यावेळी मंचावर बीज भाषक डॉ. उदय भवाळकर, डॉ. अरविंद देशमुख, नाना कुळकर्णी, अॅड. आर. एस. ठाकरे, ए.एम. देशपांडे, प्राचार्य जगदीश साबू उपस्थित होते.

यावेळी महापौर विजय अग्रवाल यांनी जैविक कचऱ्याचे व्यवस्थापन करताना त्याला समस्या न मानता एक संधी मानले पाहिजे. त्यापासून विविध

प्रकारची खते, बायोगॅस, जैविक इंधन, विविध वस्तू निर्मिती, कच्चा माल बनविला जाऊ शकतो. त्यात सर्वांनी सहकार्य करण्याची गरज व्यक्त केली.

मार्गदर्शन करताना ए.एम. देशमुख यांनी जैविक कचरा यातील विविध पैलूवर मार्गदर्शन केले. परिसंवादात डॉ. अर्चना पेठे, डॉ. मनीषा दाते, डॉ. आर.आर. देशपांडे, डॉ. एन.एस. कुळकर्णी यांनी विविध सत्रात मार्गदर्शन केले. त्यात कचऱ्याचे सेंद्रीय व्यवस्थापन, नागरी समस्या, मातीविरहीत जैविक खताची निर्मिती हे विषय होते. समारोप सं.गा.बा.अ. विद्यापीठाचे प्र.कुलभूषू डॉ. राजेश

जयपूरकर यांच्या प्रमुख उपस्थितीत संपन्न झाला. मंचावर अध्यक्ष प्राचार्य डॉ. जगदीश साबू, अनिल गरूड, आर.आर. देशपांडे, डॉ. दिलीप ताबेकर, डॉ. सुहास खंडारे, डॉ. यामिनी पाटील, डॉ. चंद्रकिरण उकेश, किशोर पेंशनवार, उदय वझे, मिलिंद शिरभाते उपस्थित होते.

या कार्यक्रमात पोस्टर स्पर्धेत अमरजा खेडकर, येशू फयाते, राहुल शेते, महवीस फातिमा, ऐश्वर्या वर्मा यांनी पारितोषिके पटकाविली. कार्यक्रमाचे प्रास्ताविक डॉ. आरती देशपांडे यांनी, आभार डॉ. ज्ञानसागर भोकरे यांनी मानले. (तथा वृत्तसेवा)