

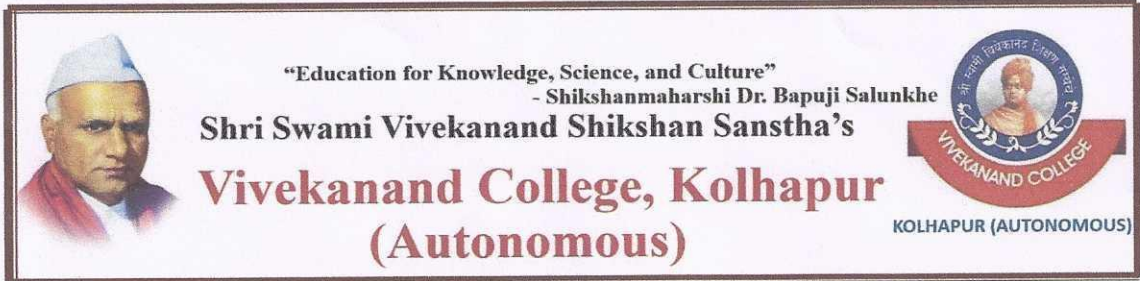
## Department Of Mathematics

### Index

### One Day National Conference on "Advances in Differential Equations": 2018-2019

Sr. No	Title	Page No.
1	Notice	1
2	Invitation Letter	2
3	Prospect	3-4
4	Permission Letter	5
5	Programme Schedule	6
6	Registration Form	7
7	List Of Students	8-11
8	Photos	12-13
9	Feedback Form	14
10	News	15
11	One Page Report	16

Date : 25/09/2018




## Department Of Mathematics

### One Day National Conference on “Advances in Differential Equations”: 2018-19

### Notice

All the students of B.Sc. III (Mathematics), M.Sc. I and M.Sc. II (Mathematics) are hereby informed that Department of Mathematics has organised “One Day National Conference on Advances in Differential Equations” on 29/09/2018 at 10:00 AM. You all are expected to be present on 9:45 Am on 29/09/2018. Attendance is compulsory for all.



  
(Mr. S. P. Patankar)  
HEAD  
Department of Mathematics  
Vivekanand College, Kolhapur

**विवेकानंद कॉलेज, कोल्हापूर**२१३०, 'ई' ताराबाई पार्क, कोल्हापूर, जि. कोल्हापूर - ४१६ ००३  
शिवाजी विद्यापीठ, कोल्हापूर संलग्नीतनॅक मानांकन : "A" (सी.जी.पी.ए. ३.२४) दि. १९-०१-१६ (तिसरी फेरी)  
कॉलेज उद्दिष्ट पोटेन्शियल फॉर एक्सलन्स यु.जी.सी.,  
स्टार कॉलेज - डी.बी.टी. - भारत सरकार

एन्.आय.आर.एफ. रँकिंग - शिवाजी विद्यापीठात प्रथम, महाराष्ट्रात ५ वा व भारतात ५८ वा क्रमांक



Ph. : 0231-2658612, 2658840 Fax : 0231-2658840 Resl. : 0231-2653962 Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org

संस्थापक  
डॉ. बापूजी साळुंखे  
D. Lit.अध्यक्ष  
मा. ना. चंद्रकांत दादा पाटील  
महसूल, मदत व पुनर्वसन, सार्वजनिक बांधकाम  
मंत्री, (सार्वजनिक उपक्रम बाजूने) महाराष्ट्र राज्यकार्याध्यक्ष  
प्राचार्य अभयकुमार साळुंखे  
M.A.सचिव  
प्राचार्या सौ. शुभांगी गावडे  
M.Sc., B.Ed.प्राचार्य  
डॉ. एस. वाय. होनगेकर  
M.A., M.Ed., P.G.D.T.E.,  
M.Phil., Ph.D.

दिनांक २८/७/२०१८

जावक क्रमांक व्हि.सी.के/ 1434/2018-19

प्रति,  
मा. प्राचार्या सौ. शुभांगी गावडे  
सचिव, श्री स्वामी विवेकानंद शिक्षण संस्था,  
कोल्हापूर.

विषय : नॅशनल कॉन्फरन्ससाठी अध्यक्ष म्हणून उपस्थित  
राहाण्यासाठीचे निमंत्रण स्वीकारणेबाबत.

महोदया,  
या महाविद्यालयात गणित विभागाच्या वतीने शिक्षणमहर्षी डॉ. बापूजी साळुंखे  
जन्मशताब्दी वर्षाच्या निमित्ताने शनिवार दिनांक २९ सप्टेंबर २०१८ रोजी सकाळी १०.०० ते  
५.०० या वेळेत **Advances in Differential Equations -2018** या विषयावर नॅशनल  
कॉन्फरन्स आयोजित केली आहे.

सदर कॉन्फरन्सचा उद्घाटन समारंभ सकाळी १०.३० वा ग्रंथालय हॉल मध्ये संपन्न होत  
असून आपण या समारंभाचे अध्यक्ष म्हणून उपस्थित राहाण्यासाठीचे आमचे आग्रहाचे निमंत्रण  
स्वीकारावे ही विनंती. सोबत कॉन्फरन्सचे ब्राऊचर जोडले आहे.

कळावे,

आपला विश्वासू,

(डॉ. एस. वाय. होनगेकर)

प्राचार्य

विवेकानंद कॉलेज,

कोल्हापूर.

o/c

### Organizing Committee

Prin. Dr. S. Y. Hongekar (Organizing Secretary)  
Dr. Mrs. S. M. Joshi (I.Q.A.C. Coordinator)  
Prof. Dr. K. P. Shinde (Dean- Science Faculty)  
Ms. R. N. Pattanshetti Dr. D. B. Patil  
Dr. M. M. Karanjakar Mr. D. M. Panhalkar  
Dr. V. B. Waghmare

### Scientific Advisory Committee

Prof. Mrs. V.S. Gejji (S.P.P.U., Pune)  
Prof. Mrs. S. H. Thakar (S.U.K., Kolhapur)  
Dr. Subhash Kendre (S.P.P.U., Pune)  
Dr. P. Dhanumjaya (BITS-Pilani, Goa Campus)  
Dr. M.T.Gophane (S.U.K., Kolhapur)  
Dr. K. D. Kucche (S.U.K., Kolhapur)  
Dr. S. B. Bhalekar (S.U.K., Kolhapur)

### Local Advisory Committee

Dr. H. T. Dinde Dr. U. H. Naik  
Dr. J. D. Yadav Dr. S. P. Bapat  
Dr. S. M. Pawar Dr. D. R. Hasabe  
Mr. S. P. Thorat Mr. M. B. Chougule  
Mr. P. B. Patil Mr. D. J. Mungare  
Dr. R. D. Jagtap Dr. S. S. Khopade

### How to Reach Kolhapur:

- Ujalaiwadi Airport is 10 km from the main city of Kolhapur.
- There are number of Trains that leaves Dadar, Mumbai, Solapur, Banglore etc. for Kolhapur.
- Kolhapur can be reached easily from Mumbai, Goa, Solapur and other places by Road.

### Our Inspiration

Hon. Shri. Chandrakant (Dada) Patil  
Minister Of Revenue, Public Works,  
Government of Maharashtra,  
President Shri Swami Vivekanand Shikshan Sanstha  
Kolhapur.

Hon. Prin. Abhaykumar Salunkhe  
Chairman Shri Swami Vivekanand Shikshan  
Sanstha Kolhapur.

Hon. Prin. Mrs. Shubhangi Gavade  
Secretary Shri Swami Vivekanand Shikshan Sanstha  
Kolhapur.

Venue: Library Hall  
Vivekanand College, Kolhapur

To.

From : Dr. S. Y. Hongekar,  
Principal,  
Vivekanand College, Kolhapur  
(Autonomous) - 416003  
Contact: (0231) 2658612

“ Education for Knowledge, Culture and Science.”  
-Shikshanmaharshi Dr. Bapuji Satunkhe



Shri Swami Vivekanand Shikshan Sanstha  
Kolhapur's  
Vivekanand College, Kolhapur

( Autonomous)

NAAC Accredited 'A' with -CGPA 3.24 in 3<sup>rd</sup> cycle,  
56<sup>th</sup> Rank in India Ranking 2017, by NIRF (MHRD)

Website : [www.vivekanandcollege.org](http://www.vivekanandcollege.org)

One Day National Conference  
on

“Advances in Differential  
Equations-2018”  
(29<sup>th</sup> September, 2018)



Organized by

Department of Mathematics  
Vivekanand College, Kolhapur  
(Autonomous)

Dear Sir/Madam

It gives us immense pleasure to cordially invite you to participate in One day National Conference on "Advances in Differential Equations-2018" organized by Department of Mathematics, Vivekanand College, Kolhapur.

**Theme of the Conference:**

The main goal of this conference is to facilitate the researchers stay abreast with recent developments in various disciplines of differential equations, partial differential equations and related fields, and to provide new directions through several plenary and invited talks by experts covering problems of current interest and important applications. Topics of the conference include (but are not limited to) the following:

- Ordinary differential equations
- Partial differential equations
- Fractional differential equations
- Delay Differential Equations
- Integral Equations
- Dynamical systems
- Integral Inequalities
- Difference equations
- Approximation Theory
- Numerical Analysis
- Computational Fluid Mechanics
- Mathematical Biology
- Mathematical Physics
- Fixed Point Theory
- Mathematical Modelling

**Aim and Objective of the conference:**

- To provide forum for exciting interactions among academicians, researchers and Mathematicians to exchange and disseminate the

recent developments and advances in the area of differential equations.

- To promote and encourage the young researchers to study and peruse research in the ever growing field of differential equations.
- To bring out more collaborations and to form working group at national level in the field.
- To provide platform for researchers to present their findings, and to give an opportunity for interactions with the fellow researchers and experts working in the field.

**Abstract submission:**

The organizing committee invites the original research articles related to different streams of Mathematics for the presentation in the conference. Author willing to present the paper are requested to send the abstract of the paper ( With Times Roman font of size 12pt and not exceeding 300 words) by e-mail: [sutar.sagar007@gmail.com](mailto:sutar.sagar007@gmail.com) on or before 20<sup>th</sup> Sep. 2018.

**About College:**

Shri Swami Vivekanand Shikshan Sanstha, the second largest educational institution in Maharashtra was established in 1954 by Shikshanmaharshi Dr. Bapuji Salunkhe. The Sanstha with its headquarter at Kolhapur started functioning by opening 5 secondary schools. Now after 64 years, it has grown up to 373 educational units from pre-primary to post-graduate level in various streams including Education, Nursing, Law, Engineering, Pharmacy, Hotel Management and vocational courses along with conventional streams.

Vivekanand college, an institution of academic excellence and achievements is one of the best colleges in Maharashtra. Last few years have been extremely successful and satisfying in terms of academic, sports and culture. The college has been

topping the University in the field of Academics for the last 18 years by obtaining maximum number of merit scholarship. The college has a tradition of excelling in sports and extra-curricular activities. The college has been declared as an autonomous college from this academic year by U.G.C. The college has been identified twice as College with Potential for Excellence by U.G.C. and also included in the list of scheme of star college by D.B.T. It is reaccredited with "A" Grade by N.A.A.C., Bangalore.

The under graduate department of Mathematics has been Established in the year of 1964. In the year of 2016 department has started M.Sc. course in Mathematics.

**PROGRAMME SCHEDULE**

**Saturday 29<sup>th</sup> September, 2018**

10.00 a.m. - 10.30 a.m.	Registration and Breakfast
10.30 a.m. - 11.30 a.m.	Inaugural Session
11.30 a.m. - 12.30 p.m.	Session I- Talk-1
12.30 p.m. - 01.30 p.m.	Session II- Talk-2
01.30 p.m. - 02.30 p.m.	Lunch Break
02.30 p.m. - 03.30 p.m.	Session III- Talk-3
03.30 p.m. - 04.30 p.m.	Paper Presentation (In parallel sessions)
04.30 p.m. - 05.00 p.m.	Valedictory Session

**Registration fees:**

For Teachers - Rs. 500/- only  
For Research Students- Rs. 400/-

**Address for Communication**

Mr. S. P. Patankar -Convener  
Mob No.: 9850055519  
Email- [patankarsanjayp@gmail.com](mailto:patankarsanjayp@gmail.com)  
Mr. S. T. Sutar -Coordinator  
Mob No.: 9403554214  
Email- [sutar.sagar007@gmail.com](mailto:sutar.sagar007@gmail.com)

गणित विभाग  
विवेकानंद कॉलेज, कोल्हापूर  
दि. 10/09/2018

प्रति,  
मा. प्राचार्य,  
विवेकानंद कॉलेज, कोल्हापूर

विषय :- 'ग्रंथालय हॉल' मिळणे जायत.

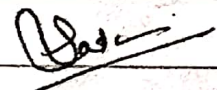
महोदय,

उपरोक्त विषयास अनुसरून अर्ज करण्यात येतो की  
गणित विभागाची एकदिवसीय गणितीय परिवर्त शनिवार  
दि. 29/09/2018 रोजी आयोजित केली आहे. तरी सदरस्था  
कार्यक्रमासाठी शुक्रवार दि. 28/09/2018 रोजी दु. 3-10 वाजणे-  
पासून शनिवार दि. 29/09/2018 रोजी पूर्ण दिवस ग्रंथालय  
हॉल माईक व्यवस्थेसह मिळावा हि विनंती  
कळावे

अंत्रपाल -

10/9/2018

आपला विश्वासू

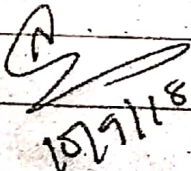


(प्र. पाटलकर एस.पी.)

HEAD

Department of Mathematics  
Vivekanand College, Kolhapur

Registrar

  
10/9/18

200 रुपया

06 रोजवरी सुची

फोटो पूजन, कुडी (पाली घालणे)

माईक

“ Education for Knowledge, Science and Culture”

--Shikshanmaharshi Dr. Bapuji Salunkhe

Vivekanand College, Kolhapur (Autonomous)

Department Of Mathematics

One Day National Conference

on

**Advances in Differential Equations-2018**

29<sup>th</sup> September 2018

**Programme Schedule**

Time	Event	
9:00 am to 10:00 am	Registration and Tea	
10:00 am to 10:50 am	Inauguration	
Time	Plenary Talk	Chairperson
11.00am to 11.30 am	Invited Talk-1: Prof. (Mrs) S. H. Thakar	D. B. Patil
11.30 am to 12.30 pm	Invited Talk-2: Prof. (Mrs) V. S. Gejji	Dr. S. S. Khopade
12.30 pm to 1.10 pm	Invited Talk-3: Dr. S. D. Kendre	Dr. R. D. Jagtap
1.10 pm to 2.00 pm	Lunch Break	
2.00 pm to 2.45 pm	Invited Talk-3: Dr. P. Dhanumjaya	Dr. H. T. Dinde
2.45 pm to 3.30 pm	Invited Talk-4: Dr. A.K.Pundar	Dr. U. H. Naik
Time	Paper Presentation	Chairperson
3.40 pm to 4.40 pm	Session (A) :Paper Presentation Abstract No.	Dr. M. T. Gophane
	Session (B) :Paper Presentation Abstract No.	Dr. S. B. Bhalekar
5.00 pm to 5.30 pm	Valedictory Function	

"Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College (Autonomous), Kolhapur.

Department of Mathematics

"National Conference on Advances in Differential Equations-2018"

Date: September 29, 2018

Day: Saturday

**Registration Form**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone : \_\_\_\_\_

e-mail: \_\_\_\_\_

Registration fees : Individual

Institutional

Rs. \_\_\_\_\_

Cash

E-money transfer details : \_\_\_\_\_

Date :

Signature

Note : Typed or Photostat copies of registration form can be used for registration.



Sr. No.	Name of the Teacher Research student	Name of the College & Email & Mobile No.	Sign
1. <u>S. Babam</u>	Mr S. V. Bahar (Teacher) <u>500</u>	Dr. Gholi College, Gadhinglaj santashibabar425@gmail.com 9595144292.	<u>S. Babam</u>
2. <u>K. S.</u>	Mr S. S. Khopade (Teacher) <u>500</u>	Karnveer Hire Arts, Science, Commerce & Education. College, Gangoti santajikhopade@gmail.com 9923069637.	<u>K. S.</u>
3. <u>W</u>	Dr. Vandana N. Purar. (Teacher) <u>500</u>	P.D. Karthanis College of Arts & Commerce, Ambar Nath vnpurar62@gmail.com. 9082281352.	<u>W</u>
4.	Amar Bapuso Patil (Teacher) <u>500</u>	The new College Kolhapur patilamar7392@gmail.com 9049603201	<u>A. B. Patil</u>
5. <u>M. P.</u>	Miss. Ashwini Mali (Research student) <u>400</u>	Department of Maths, SVK maliaashwini144@gmail.com. 8600897090.	<u>M. P.</u>
6. <u>M. P.</u>	Miss. Madhuri Patil (Research student) <u>400</u>	Department of Maths, SVK. madhuripatil4246@gmail. com 9112184246.	<u>M. P.</u>
7. <u>M. P.</u>	Miss. Pratiksha R. Demanna (Research student) <u>400</u>	Department of Maths, SVK. pratikshademanna@gmail. com. 8623050655.	<u>M. P.</u>

Sr. No	Name of the Teacher Research Student	Name of the College, Email & Institute No.	Sign
8.	Bhosale H. S. (Teacher) 500	Shrikrishna Mahavidyalaya Gurjoti, Tq - Omerga, Dist. Osmanabad @hs_bhosale@hotmail.com 09422457533	
9.	Prof. Morje S. A. (Teacher) 500	Government College of Arts & Science Aurangabad. morje_sanjay@gn.in 9011375353	
10.	Chokakkar S. S. (Teacher) 500	Rajat Educations New English School, Yalgud. suhachokakkar@rediffmail.com 9860795888	
<u>G.B. Kolhe</u> 11.	Mrs. Farhin Jahangir Khan (Teacher) 500	Y. D. Mane Institution of Technology, Kagal. Farhinjkhans@gmail.com 8421841321	
	Arajakta Pramod Rajmane (Teacher) 500	Bharati Vidyapeeth College of Engg. Kelhapur Arajakta Rajmane@gmail.com 9404525544	

Sr. No.	Name of the teacher (Research Student).	Name of the college, Email & Mobile No.	Sign.
13.	Dr. Jayvant B. Patade (Teacher) 500	Ashokrao Mane Group of Institution Vathar, Kolhapur. dr.jayvantpatade@gmail. com. 9404408035	
14.	Amol Manikchand Lakeri (Research Student) 400	Sat. S. D. K. 7020121995 / 9763976866. amolakeri@gmail.com	
15.	Pranod Sadashiv Patil (Teacher) 500 (pranod.patilrut@gmail.com)	Ashokrao Mane Group of Institution, Vathar, Kolhapur. 9764713256	
16.	Dr. S. R. Wajkar (Teacher) 500	Yashwantrao Charan College, Halkarni Tal. Chandgad. sayaji.wajkar@yahoo.in 9421279371	
17.	Dr. Anushka A. Patil (Teacher) 500	PYPIT, Budhgaon, Sangli drmanisha.patil23@gmail.com drmanushka.patil23@gmail.com. 7588626825	
18.	Miss Siddhi H. Malawade (Research student) 400	KIT's college of eng. (Mech) Siddhinalawade2512@gmail.com 7083317988	
19.	Mr. Amey J. Asagankar (Research student) 400	KIT's college of eng. (Mech) ameyasgankar9799@gmail.com 9284283021	

Godluck

Magadum

~~Pravin~~

2

20) Miss. C. G. Magdum.  
(Teacher) 500

Smt. Kasturbai Lalchand  
College, Sangli  
cgmagadum@gmail.com  
9420793331

21) Dr. U. H. Naik  
(Teacher) 500

HOD Maths Department  
Willingdon College Sangli  
\* naikpawan@yahoo.com  
9421222062

h

~~Pravin~~

22) Shri. D. J. Mungare  
(Teacher) 500

PKASC College, Ichalkaranji  
mdattakumar@yahoo.com  
9850353128

~~Pravin~~

23) Shikhar Pallavi Uttam.  
(Research Student) 400

Dept. of Mathematics, S.V.K  
jananishikhar13@gmail.com  
9730214719

24) Mrs. Jyoti Pramod Kharade  
(Reseo Teacher) 500

Dept. of Mathematics, S.V.K  
jyoti.thorwe@gmail.com  
7350771369

~~Pravin~~

25) Mr. Shivaji R. Tate  
(Teacher) 500

tatesh Kisan Veer  
Mahavidyalaya, wai  
tateshivaji@gmail.com  
7276235447

Sm

$18 \times 500 = 9000$   
 $07 \times 400 = 2800$





"National Conference on Advances in Differential Equations-2018"

Date: September 29, 2018

Day: Saturday

Conference Feedback Form

Name (Prof./Dr./Mr./Mrs./Miss): .....

Name of the College: .....

.....

Please help us make this conference better next year by filling out this short questionnaire.

Sr. No.	Questions	Excellent	Very Good	Good	Poor
1	Please rate your overall satisfaction with the format of the conference				
2	Please rate your overall satisfaction with the reception				
3	Please rate your overall satisfaction with the invited talks				
4	Please rate your overall satisfaction about tea, breakfast and lunch				

Please provide any comments you have on conference topics, speakers or general suggestions regarding the conference:

.....  
.....  
.....  
.....  
.....

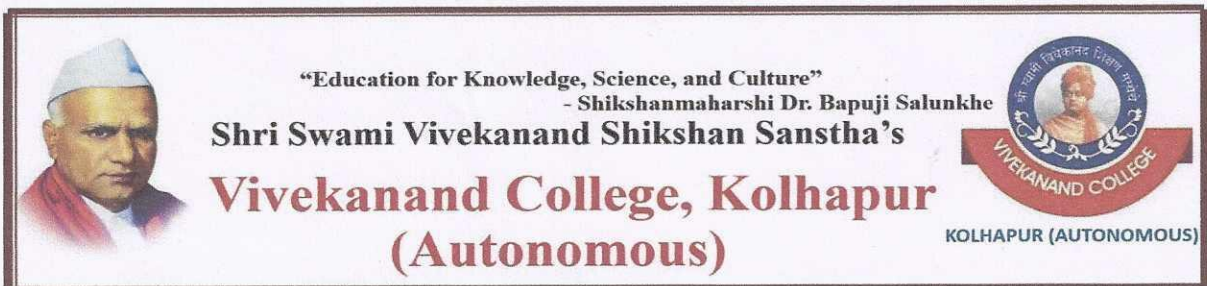
Signature

डॉ. पुढारी

## विवेकानंद मध्ये परिषद

कोल्हापूर : विवेकानंद कॉलेजमध्ये  
गणित विभागातर्फे अडव्हान्स इन  
डिफरंट इक्विवमेंट या विषयावर  
एकदिवशीय राष्ट्रीय परिषदेचे  
आयोजन करण्यात आले. यावेळी  
पुणे विद्यापीठातील प्रा. व्हा. गेज्जी  
व प्रा. डॉ. सुभाष केंदे तसेच गोवा  
येथील डॉ. पी. धनूमंजया व डॉ.  
ए. के. पंडर यांनी मार्गदर्शन केले.  
यावेळी विवेकानंद संस्थेच्या सचिव  
शुभांगी गावडे, शिवाजी विद्यापीठातील  
गणित विभागाच्या सहाय्यक डॉ.  
श्रुती जोशी उपस्थित होत्या. प्रा. एस.  
पी. पाटणकर व प्रा. एस. टी. सुतार  
यांनी समन्वयक म्हणून काम पाहिले.





2018-19

Report: Conference

1. Name of Department : Mathematics
2. Name of Organized Activity : Advance in Differential Equations
3. Date/ Duration : 29/09/2018
4. Aims and Objectives : 1. To promote and encourage the young researchers to study and peruse a research in the ever growing field of differential equations.  
2. To bring out more collaborations and to found working group at national level in field.
- 5 No. of beneficiaries : Total = 25

Students	Male	14
	Female	11

6. Expenditure & funding agency: Nill.


7. **Brief description:** On the behalf of Mathematics department National Conference on Advances in differential Equations was arranged during year 2018-2019. Teachers of various colleges were present in this conference. The department of mathematics conducted the conference on 29/09/2018 at 10: 00 AM to 05: 00 PM. All teachers thankful to organiser Mr. S. P. Patankar (Head of Dept. of Mathematics, Vivekanand College, Kolhapur (Autonomous)).

8. **Outcomes :** 1. The different platforms were understood for researcher to present their findings.  
2. Various opportunities for interactions with the fellow researchers and experts working in the field were understood.

9. Photos : Enclosed

10. Signatures of coordinator/ organizer: Mr. S.T. Sutar



  
(Prof. S.P. Patankar)  
HEAD  
Department of Mathematics  
Vivekanand College, Kolhapur