

# **PI Day 2019**

Report

14<sup>th</sup> March 2019

On March 14, 2019, the Mathematics Department of St. Edmund's College proudly celebrated International Pi Day. The event was a vibrant gathering that brought together students from the Mathematics, Physical Sciences, and Economics departments. This special day was dedicated to exploring the wonders of the mathematical constant Pi ( $\pi$ ), aiming to deepen the students' understanding and appreciation of its profound impact on various scientific fields.

The festivities began with an engaging video presentation that detailed the history and significance of Pi. This presentation took the audience on a journey through time, illustrating how different civilizations, from ancient Babylon and Egypt to the Greek mathematician Archimedes, have contributed to our understanding of Pi. The video also showcased Pi's appearance in various cultural contexts, including its symbolic representation in art and literature, making the historical narrative both informative and entertaining.

The first lecture was delivered by Gregory Jala Kharbhih, a faculty member of the department. Sir Gregory provided an in-depth overview of Pi's historical development. The lecture began with the earliest known approximations of Pi, highlighting the contributions of ancient mathematicians such as Archimedes, who used geometric methods to estimate Pi's value. The talk also covered the advancements made during the medieval Islamic period and the Renaissance, leading up to the modern computational techniques that have enabled mathematicians to calculate Pi to millions of decimal places. He emphasized how each historical period added layers of understanding, making Pi a truly universal constant that transcends time and culture.

The second lecture was presented by Manbhalang Chyne, a senior faculty member of the department. Sir Manbha's lecture focused on the myriad applications of Pi in contemporary science and technology. The lecture explored how Pi is indispensable in calculating areas and volumes of geometric shapes, such as circles and spheres, which is fundamental in fields ranging from architecture to engineering. He also discussed the role of Pi in wave mechanics, where it helps describe oscillatory phenomena in physics and engineering. Additionally, the lecture highlighted Pi's applications in signal processing, quantum mechanics, and even in economic models that rely on trigonometric functions to predict cyclical trends. The comprehensive discussion illustrated Pi's versatility and its critical importance across diverse scientific disciplines.

After the lectures, an interactive session was held, providing students with a platform to ask questions and engage in discussions with the faculty members. This session was particularly dynamic, with students expressing curiosity about specific topics such as the use of Pi in modern technology and the methods used by ancient mathematicians to approximate Pi. Faculty members responded with detailed explanations, offering insights that further illuminated the complexities and beauty of Pi. The session underscored the event's success in fostering an environment of inquiry and intellectual engagement.

The program concluded with light refreshments, which provided an informal setting for students and faculty to continue their discussions. This social component allowed for more personal interactions, where students could share their thoughts and reflections on the day's events in a relaxed environment.

The video presentation received high praise for its engaging content, blending historical facts with visual storytelling to captivate the audience. The lectures by the senior faculty were highlighted as key strengths of the event. Both lectures provided deep insights into the historical and practical aspects of Pi, effectively connecting theoretical concepts with real-

world applications. The interactive session was a testament to the students' enthusiasm and intellectual curiosity. The diverse questions and lively discussions indicated a high level of engagement, reflecting the event's success in inspiring students to explore mathematical concepts further.

The International Pi Day celebration was a resounding success, achieving its goal of enhancing students' knowledge and appreciation of Pi. Moreover, it created a collaborative learning environment, bridging different academic disciplines and encouraging intellectual dialogue. The Mathematics Department looks forward to organizing similar events in the future, continuing to inspire and educate our students about the fascinating world of mathematics.

### Registration :

**PI DAY 2019**  
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March 14<sup>th</sup>, 2019  
**Registration**

Sl. No.	Name of participants	Signature
1	LALDINGLIANA	<i>Laldingliana</i>
2	TIMOTHY LALSAMCENA	<i>T. Samcena</i>
3	SUZAREEN NONGRUM	<i>S. Nongrum</i>
4	JUHIWATI PALA	<i>J. Pala</i>
5	LISHA D/B	<i>Lisha</i>
6	Kushave Lyngdoh	<i>Kushave</i>
7	MELANSIUS NONGKHLAW	<i>M. Nongkhlaw</i>
8	ANGELYNE NONGSUNG	<i>Angelyne</i>
9	Moutusi Nath Sanna	<i>M. Nath</i>
10	MEENAKSHI	<i>Meenakshi</i>
11	Sukham Chande	<i>S. Chande</i>
12	DM PRAKASH RAI	<i>P. Rai</i>
13	M. Bidyalanni	<i>Bidya</i>
14	Deekunani Kopal Dui	<i>D. Kopal</i>
15	ANAMIKA SARKAR	<i>A. Sarkar</i>
16	RIBANTA MARBANIANG	<i>R. Marbaniang</i>
17	DAPHILABIANGHUN NONGLANG	<i>D. Nonglang</i>
18	SIMRAN MALAKAR	<i>S. Malakar</i>
19	TUTON CHAKRABORTY	<i>T. Chakraborty</i>
20	Sukham Rishi	<i>S. Rishi</i>

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**Registration**  
Fourth Semester

Sl. No.	Name of participants	Signature
1	SAIF UDDIN AHMED	<i>S. Ahmed</i>
2	ZUKRANUL HASAN ZHONDAL	<i>Z. Zhondal</i>
3	DAMANCHA LYNGDOH	<i>D. Lyngdoh</i>
4	DEVONA CASEY KHARENSAW	<i>D. Kharensaw</i>
5	N. BAGITA SINGHA	<i>N. Bagita Singha</i>
6	SANGETA SAHA	<i>S. Saha</i>
7	CICILIA A. SINGMA	<i>C. Singma</i>
8	MEBANKER NANGLEIN	<i>M. Nanglein</i>
9	KYIPPOANG SHONG	<i>K. Shong</i>
10	F. HURICK SHABONG	<i>F. Shabong</i>
11	WANRSUK LYNGDOH LYNGKHUI	<i>W. Lyngkhui</i>
12	REBECCA SIEMUEH	<i>R. Siemueh</i>
13	SHENPHANG NONGCHLI	<i>S. Nongchli</i>
14	Ubel Bueh.	<i>U. Bueh</i>
15	LARISHA NAHLANG	<i>L. Nahlang</i>
16	RISALANG KHARBTENG	<i>R. Kharbteng</i>
17	JUSILANT. RYMBAT	<i>J. Rymbat</i>
18	BHARASHISHA MARBANIANI	<i>B. Marbanian</i>
19	LIBBY GRACE SUSANGI	<i>L. Susangi</i>
20	KEFILECYLIN LYNGDOH	<i>K. Lyngdoh</i>
21	SUSHMITA RABHA	<i>S. Rabha</i>

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**Registration**

Sixth Semester

Sl. No.	Name of participants	Signature
1	MANA MERIDA POHYRNU	M. Phyu
2	LALLAWMSANGI BAWITLUNG	sangsangji
3	DIDARA KHONGPOAH	D. K. Phah
4	DEVANI D. SHIRA	D. D. Shira
5	RIDYASHISHA WAR	R. War
6	RICHMOND R. JYRWJA	R. Jyrwa
7	BANLUMINGSWAJ MOKHIM	B. Mokhim
8	WANLAMBOK KHARMUTI	W. K. Mof
9	KITBOKLANG KHONGLAM.	K. Khonglam
10	SUNBEAM TARLANG	S. Tarlang
11	REBECCY KHONGJOB	R. Job
12	KABUNLANG THABAH	K. Thabab
13	FARLYNESS KHARBANI	F. Kharbani
14	LAWESAKORDOR THONGNI	L. Thongni
15	NEIBHAAMI SUCHEN	N. Suchen
16	RIWANSHA LAMARE	R. Lamare
17	SURJIT RASALI	S. Rasali
18	DIXIT ROY	D. Roy
19	IMLISENLA JAMIA	I. Jamia
20	BALARHUN MAILANG	B. Mailang
21	JYOTI GURUNG	J. Gurung

Sl. No.	Name of participants	Signature
22	FROM BEBERANANDA SVGH.	F. Svgh.
23	EBISHON KHONGKWAN	E. K. Kwann
24	KAMSHALANG KHONANOH	K. Khonano
25	JABEN ROY NONGPLUH	J. Nongpluh

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**Registration**

Second Semester

Sl. No.	Name of participants	Signature
1	MEBANTI KHATI	M. Khati
02	RUBEL DUTTA	R. Dutta
03	JIFFREE MAWLONGA	J. Mawlonga
04	NYGEL DANAWAHA	N. Danawaha
05	MCBAYRIANG KHONGJLIW	M. Khongjliw
06	FAVOURNESS SIAMSHAI	F. Siamshai
07	SUGANNA SUCHIANG	S. Suchiang
08	DANGIAINESEHEM MARGAR	D. Margar
09	YOSHAPHLANGI DHAR	Y. Dhar
20	Pauli Sun	P. Sun
11	XENNY BANJEIWM KHARMUSAI	X. Kharmusai
12	DIPANKAR SHARMA	D. Sharma
13.	ROSHAN SENGHA	R. Sengha
14.	JUNKY BUI	J. Bui
15	GIDEON NOKHAR	G. Nokhar
16	DONDO DONBOKLANG RYNTONG	D. Ryntong
17.	Zi Mung Benson	Z. Benson
18	DOROTHY M. SUCHIANG	D. Suchiang
19	Audrey L. Mahngiang	A. Mahngiang
20	DEAN PHANRISUKUN MARY KHARKONGOR	D. Kharkongor
21	ATNALIZA SHANGSTAR	A. Shingstar

Sl. No.	Name of participants	Signature
22	MABANIEWORLYPA JYNDIANG	M. Jyndiang
23	BANKHUN KURBAH	B. Kurbah
24	IBAPHIRA KHARKOMOR	I. Kharkomor
25	SHINTARJ HARBANANG	S. Harbanang
26	LABETHUN SUCHIANG	L. Suchiang
27	ASHISH KUMAR JHA	A. Jha
28	M. MALEMNGANBA	M. Nganba
29	POUCHUNGONG GAOGMEI	P. Gao
30	ANNI ASRIEL A SANGHA	A. Sangha
31.	GRACY TINGNEINGAI	G. Tingneingai
32	BALARIHUNANG NOKSEH	B. Nokseh
33.	GORDON ONTEL KHARPUJI	G. Kharpuji
34	LAEIBOX NONGLONG	L. Nonglong
35	DAMHLANGKI PALE	D. Pale
36	OHIPAJA SUTNGA	O. Sutnga
37	KYASHANBOR SHULEI	K. Shulei
38	HAGE TAELEI	H. Taeler
39	H. LALLAWMAWA	H. Lawma
40	Banlansa Khampian	B. Khampian
41	HANI SHA GURUNG	H. Gurung
42	KEHIGI KENT	K. Kent
43	DA-IAI-KYRMEN SUMER	D. Sumer
44	PASHANLANG LKYUSHI	P. Kyushi
45	KALJIMI LAMIN	K. Lamin

**Feedback :**

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Department of Mathematics  
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**Student's Feedback**

- Overall, were the lectures informative and valuable? YES
- Which elements of the programme did you find most useful and interesting? Why?
  - Everything is connected to pi
  - use to pi in future class
- Did the programme inspire and motivate you to learn more about mathematics? Yes
- Would you recommend this or a similar programme in the future? Yes, definitely.
- Please give some suggestions on how to improve such programs?  
You were perfect!
- Write a few words about your experiences on this program.  
I loved the fun facts, music and laughter along with all the information. I'm awestruck. Keep up the good work!
- RATE THE PROGRAM OUT OF 10: 10

Name of Participant: SIRANI MALAPAK Semester: 4th  
Honours: Psychology Signature: Sirani

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**Student's Feedback**

- Overall, were the lectures informative and valuable? yes
- Which elements of the programme did you find most useful and interesting? Why?
  - Value of Pi ( $\pi$ )
- Did the programme inspire and motivate you to learn more about mathematics? yes
- Would you recommend this or a similar programme in the future? yes
- Please give some suggestions on how to improve such programs?  
\_\_\_\_\_
- Write a few words about your experiences on this program.  
The programme was very interesting and so many valuable symbols gave me inspiration.
- RATE THE PROGRAM OUT OF 10: 10

Name of Participant: Garib Udhin Ahmed Semester: 4th sem  
Honours: Mathematics Signature: [Signature]

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**Student's Feedback**

- Overall, were the lectures informative and valuable? YES
- Which elements of the programme did you find most useful and interesting? Why?
  - The importance of  $\pi$ .
  - It is used in everywhere and not only in mathematics.
- Did the programme inspire and motivate you to learn more about mathematics? YES
- Would you recommend this or a similar programme in the future? YES
- Please give some suggestions on how to improve such programs?  
\_\_\_\_\_
- Write a few words about your experiences on this program.  
The program was great. It helped me know the importance of  $\pi$  ( $\pi$ ).  $\pi$  ( $\pi$ ) is everywhere.
- RATE THE PROGRAM OUT OF 10: 10

Name of Participant: Muzamil Hasan Mambal Semester: 4th Sem  
Honours: Mathematics Signature: [Signature]

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**Student's Feedback**

- Overall, were the lectures informative and valuable? yes
- Which elements of the programme did you find most useful and interesting? Why?
  - Importance of  $\pi$ .
  - Fun Facts of  $\pi$ .
- Did the programme inspire and motivate you to learn more about mathematics? Yes
- Would you recommend this or a similar programme in the future? Yes
- Please give some suggestions on how to improve such programs?  
nil
- Write a few words about your experiences on this program.  
It help to know and understand the value of  $\pi$  and the importance of  $\pi$ .
- RATE THE PROGRAM OUT OF 10: 8

Name of Participant: Murkhanon Shind Semester: 2nd  
Honours: Maths Signature: [Signature]

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**Student's Feedback**

- Overall, were the lectures informative and valuable? Yes
- Which elements of the programme did you find most useful and interesting? Why?
  - $\pi$  is everywhere.
  - $\pi$  has every combination of numbers desire for anything.
- Did the programme inspire and motivate you to learn more about mathematics? Yes
- Would you recommend this or a similar programme in the future? Yes
- Please give some suggestions on how to improve such programs?
 

More videos.
- Write a few words about your experiences on this program.
 

A secret code could be formed using the value of  $\pi$

RATE THE PROGRAM OUT OF 10: 8

Name of Participant: Neelhami Suchan Semester: 6<sup>th</sup>  
Honours: Mathematics Signature: N. Suchan

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**Student's Feedback**

- Overall, were the lectures informative and valuable? Yes
- Which elements of the programme did you find most useful and interesting? Why?
  - $\pi$ : The ratio of a circle's circumference to its diameter.
  - of its circumference.
- Did the programme inspire and motivate you to learn more about mathematics? Yes!!
- Would you recommend this or a similar programme in the future? Yes!!
- Please give some suggestions on how to improve such programs?
- Write a few words about your experiences on this program.
 

Awesome!!!

RATE THE PROGRAM OUT OF 10: 9.5

Name of Participant: Kit Nungun Semester: BA Sem  
Honours: Math Signature: K. Nungun

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**Student's Feedback**

- Overall, were the lectures informative and valuable? Yes
- Which elements of the programme did you find most useful and interesting? Why?
  - $\pi = \frac{C}{D}$  (constant)
  - $\pi$  - music
- Did the programme inspire and motivate you to learn more about mathematics? Yes
- Would you recommend this or a similar programme in the future? Yes
- Please give some suggestions on how to improve such programs?
 

Big
- Write a few words about your experiences on this program.
 

I came to know that there is a person who can memorise the value of  $\pi$  even if not all the decimal.

RATE THE PROGRAM OUT OF 10: 6

Name of Participant: Wanlumbok Kharmute Semester: 6th  
Honours: maths Signature: W. Kharmute

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**Student's Feedback**

- Overall, were the lectures informative and valuable? Yes
- Which elements of the programme did you find most useful and interesting? Why?
  - $\frac{C}{D}$ ,  $\rightarrow$  circumference & D  $\rightarrow$  diameter
  - because it helps finding  $\pi$  from  $\frac{C}{D}$  easily.
- Did the programme inspire and motivate you to learn more about mathematics? Yes
- Would you recommend this or a similar programme in the future? Yes
- Please give some suggestions on how to improve such programs?
 

Even if the program is long or short it has to be interesting
- Write a few words about your experiences on this program.
 

I have learned a lot from this programme, about the history of  $\pi$  ( $\pi$ ), Name out of  $\pi$  ( $\pi$ ) = infinite digits.

RATE THE PROGRAM OUT OF 10: 10

Name of Participant: SHYLOKJYOTSNAI MUKHIA Semester: 6th sem  
Honours: Mathematics Signature: S. Mukhia

Photo Gallery :



