# Maulana Azad College, Kolkata

# Department wise annual report

# Annual Report of Arabic Department for the session 2022-2023 (1st June 2022 to 31st May 2023)

- i) Number of Meetings mentioning date, agenda and Summary resolution: 1.Date 10.01.2023 Agenda Introduction of Add on Course in Arabic. Resolution: "It was decided that an Add on Course in Arabic entitled " Al Muhadatha Bil Lughatil Arabia will be introduced by the permission of the Respected Principal Maulana Azad College, Kolkata".
- ii) Seminar, Symposium Workshop organized: NIL

#### **Publication in brief:**

Faculty Name: 1.Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri

Chapters in Book

Name of the Chapter: "Algama Shibli Ki Tahreer Mein Sufiana Rang"

In the Book : Alquama Shibli : Kitaab –e-Dard ka Ek Iqtebas

Compiled By:Dr.Mazhar Kibriya, Associate Professor, Department of Urdu, Jay Prakash University, Chapra, Bihar

Publisher:Isbat-0-Nafi Publications, Kolkata Year of Publication: 2022

ISBN:978-81-950777-0-0

**Publication in Journal** 

Faculty Name: 1.Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri

1." Allama Iqbal ki Shairi mai Ishq Elahi Wa Ishq Rasool ka Tasawwur" published in a literary Urdu Quarterly Sehmahi journal Journal Mizgaan, A Peer Review UGC Care List Journal, an ABCD Indexed Journal Volume 24, Issue 72 January 2023 to March 2023 ISSN:2348-7119, pp.267 to 276 from Kolkata.

- 2."Jamil Sidqi Azzahawi ki Shayeri Par Ek Tayerana Nazar" published in a literary Urdu Monthly journal SABAQEURDU, A Peer Review UGC Care Listed Monthly journal, Volume 8 Issue 05 May 2023 ISSN:2321 -1601, pp.25 to 29 from Bhadohi, U.P.
- 3. "A Brief Study of the life and Works of Tawfiq Al Hakim" published in Arabic Persian Studies Annual Journal, Volume XI 2021-2022, ISSN-2394-9635, pp.39-58 from Department of Arabic and Persian, University of Calcutta, Kolkata, published on 27/07/2022
- 4. "Gibran Khalil Gibran An Outstanding Writer And Poet of Arabic" published in Journal of "Excellence International Journal of Education and Research" (EIJER), A Peer Reviewed and Referred International Journal, (Monthly Multilingual Journal for all Subjects), Volume 13, Issue 5 November ,2022, pp.55- 67, ISSN:2349-8838, Impact Factor: 6.435, published by Excellence International Publication Pvt.Ltd., Aligarh, U.P.India,

iv Involvement of Teachers in University Assigned duties:

Faculty Name: 1.Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri

- Paper Setter of University of Calcutta for the B.A. Semester III
   (CBCS) Examination of the subject Arabic.
- Paper Setter of University of Calcutta for the B.A. Semester V
   (CBCS) Examination of the subject Arabic.
- 3. Paper Setter of University of Calcutta for the B.A. Semester VI (CBCS) Examination of the subject Arabic..
  - Examiner of University of Calcutta for the B.A.
     Part II (1+1+1-09 Examination 2022 of the subject Arabic .
  - 2. Examiner BA Semester3 Examination 2022 of the subject Arabic .
  - 3. Examiner BA Semester5 Examination 2022 of the subject Arabic .

Pre-Publication Scrutineer.

a)Pre-Publication Scrutineer, B.A.Sem V Honours Examination 2022 (Under CBCS) Subject Arabic Honours.

b)Pre-Publication Scrutineer for ,B.A.Sem III Examination (Under CBCS) Subject Arabic.

c) Pre-Publication Scrutineer for ,B.A.Sem V General Examination 2022 (Under CBCS) Subject Arabic.

2. Name of Faculty: Md Sadrul Islam:

Paper Setter of Semester 4 & 6

Examiner of Semester 6,4 and 2

Scrutineer of Semester 4 & 6

Reviewer of Semester 6

Award Received by faculty members and Students: NIL

Seminar attended by Teachers:

Faculty Name: 1.Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri

**1.** Presented a Paper entitled "Tahreek-e- Aazadi Mein Ulemaye keram ki Sahafati Khidmat" in the two day national Seminar on the theme "Jange- Azadi aur Urdu Adab organized by the Department of Urdu Aliah University ,Kolkata, held in Aliah University ,27<sup>th</sup>& 28<sup>th</sup> September 2022...

# **Department of English: Report (2022-23)**

# 4. Number of Meetings held: 3

- iii) A meeting was held on 12<sup>th</sup> Aug. 2022 to discuss the syllabus distribution of UG Semester I, III and V. The entire syllabus was distributed among the faculty members.
- iv) A meeting was held on 13<sup>th</sup> Jan. 2023 to discuss progress of the syllabus, academic and exam-related matters, as well as the add-on course for Sem VI.

  The resolutions taken were:

PG1 internal marks would be compiled as fast as possible for submission.

UG Internal and Tutorial marks have to be uploaded on the CU portal and the Statement of Marks will be emailed to the Departmental UG inbox by all examiners for record-keeping.

PG Internal Exam preparations need to be started, the syllabus was finalized and question papers compilation would be done.

Add-on course on 'Creative Writing' may be conducted during the summer recess of 2023, exclusively for Sem VI. The course duration will be 30 hours and the minimum class strength will be 15. The curriculum will be prepared by a Departmental teacher.

v) A meeting was held on 31<sup>st</sup> March 2023 to discuss syllabus allocation in the Even Semester, both of UG and PG. Other important matters were also discussed, related to tutorials—mode, final submission dates and procedure of viva.

# 5. <u>Seminar/Symposium/Workshop organized</u>

As a part of the Occasional Distinguished Invited Lecture Series, Dr Frederick Schroer from the Center for the History of Human Emotions, Max Planck Institute, Berlin, gave a talk on "Environment and Emotions: Ecological Perspectives in the History of Buddhism" on 2<sup>nd</sup> Sept. 2022.

# 6. **Publications:**

Dr. Debasri Basu published a book chapter, 'Dis-ease, Dis-order and the Refugee Experience: Appraising South Asian Partition Narratives', in *Covid-19 in India, Disease, Health & Culture: Can wellness be far behind?*, edited by

Anindita Chatterjee and Nilanjana Chatterjee (Oxon & New York: Routledge, 2023).

## 7. Involvement of Teachers in University Assigned Duties:

- vi) Dr. Debasri Basu was an Examiner & Scrutineer of M.A. English CC 8 and DSE 6.
- vii) Resha Barman was an Examiner and Scrutineer of CC 2, GE 4, GE 1.
- viii) Pritha Chakraborty examined and scrutinized CC V scripts of PG Sem 1 exam She also examined and scrutinized scripts of CC 2 and GE 3 of UG Sem 1 and 3 exams.
- ix) Roopamala Saha examined scripts of LCC2-2 and GE III.

#### 8. Award Received by students (in-house and external)

Uttara Das of Sem VI won the first prize in photography in Tarang College Fest organized by IAM.

Ankita Saha of MA Sem IV won a prize at the recitation competition organized by the School of Languages, RKM Swami Vivekananda's Ancestral House and Cultural Centre, Hedua.

Kankana Manna of UG Sem II won the 1<sup>st</sup> prize in Western Solo Singing Competition at St. Paul's Cathedral Mission College.

Sekh Abdul Jelani of UG Sem II was the winner in Poetry Slam competition organised at Calcutta National Medical College.

Sekh Abdul Jelani of UG Sem II came first in the Poetry Recitation competition organised by IPGME&R and SSKM Hospital.

- **2.** Md Masihur Rahman Ansari of UG Semester IV was a Quiz Competition Runner-Up, organised by Enshin Foundation.
- **3.** Sekh Abdul Jelani of UG Sem II was the Runner-up in a Poem Recitation competition organised by MAC IQAC on the event of the Republic Day.
- **4.** Sekh Abdul Jelani of UG Sem II came second in the Poetry Slam competition organised at R. G. Kar Medical College.
- **5.** Sekh Abdul Jelani of UG Sem II came second in the Jash-e-Alfaz Poetry competition organised by IPGME&R and SSKM Hospital.
- **6.** Jakia Mazumdar of Sem VI was the 2nd Runner-up in an inter-college competition on 'Best Out Of Waste'. It was held at T. H. K. Jain College.
- **7.** Rayna Bhowmik of UG Sem II won the 3<sup>rd</sup> Prize in a Creative Writing Competition.
- **8.** Rishikalpa Saha of Sem VI was the 2nd Runner-up in an inter-college competition on 'Best Out Of Waste'. It was held at T. H. K. Jain College.

- **9.** Sekh Abdul Jelani of UG Sem II came third in the 'Swaro Sruti' competition organised at Calcutta National Medical College.
- **10.**Suvrajeet Kamila of MA Sem II qualified as a finalist in intra-college Poster Designing and Quiz competitions.

# 9. <u>Seminar/Symposium/Workshop attended by teachers and students:</u> Teachers:

- Dr. Debasri Basu completed an online one-week Faculty Development Programme on "National Education Policy-2020" from 20-26 March, 2023.
- Pritha Chakraborty completed a 1-week online FDP on Major Literary Theories from 26 July 2022 to 2 Aug. 2022 at Krishna University.
- Roopamala Saha was the Resource Person and delivered an online lecture titled "Literature and Painting: Movement(s) from Realism to Surrealism" on 21<sup>st</sup> Sept. 2022 at Asannagar Madan Mohan Tarkalankar College, Nadia.
- Pritha Chakraborty was the Resource Person and delivered a lecture in a blended mode at Manikchak College, Malda on 12<sup>th</sup> April 2023. The lecture was titled: "Alice Walker's *The Color Purple*".

#### **Students:**

- Nasira Sultana of UG Sem IV completed the "Business English for Young Professionals Course" at the American Centre.
- UG students Nasira Sultana and Ria Chakraborty participated in the project, "Celebrating New Voices in American Literature" at the American Centre, Kolkata.
- 15 UG students took part in a workshop on Inclusion and Diversity on World Human Rights Day in Dec. 2022 at the American Centre.
- Ria Chakraborty of UG Sem II participated in India's largest online learning event, World Education Day Fair, organized by Internshala Trainings.
- 7 UG Sem 2 students participated in a workshop on Women's History Month at the American Centre on 31<sup>st</sup> March 2023.

# **Annual report of Department of Sanskrit (YEAR 2022-23)**

A departmental meeting was held on 02.09.2022 at room no 2.05 at 12.30 pm to distribute syllabus and prepare new routine. All teachers were present in the meeting. New routine was prepared and syllabus was distributed among teachers. Lesson plan was also made.

A departmental meeting was held on 6<sup>th</sup> December 2022 at room no 2.05 at 3.00 pm to make question papers for upcoming internal and tutorial test. All members were present in the said meeting. Members were requested to prepare a set of questions for said examination.

A departmental meeting was held on 05.02.2023 at room no 2.05 at 12.30 pm to distribute syllabus. All teachers were present in the meeting. Syllabus was distributed among teachers. Lesson plan was also made.

A departmental meeting was held on 19<sup>th</sup> April 2023 at room no 2.05 at 3.00 pm to make question papers for upcoming internal and tutorial test. All members were present in the said meeting. Members were requested to prepare a set of questions for said examination.

# ANNUAL REPORT FOR THE DEPARTMENT OF PHILOSOPHY FROM 2022-2023

#### **DEPARTMENTAL MEETINGS 2022-2023**

- 1)The Department of Philosophy, Maulana Azad College has resolved on 02.02.2022 that some students of Semester 2 are marked as slow learners as per continuous evaluation by the departmental teachers.
- 2) Several students of the 2nd semester are requested to join remedial classes organised by department of philosophy as resolved on 02.12.2022.
- 3) A departmental meet was held on22.12.2022 to introduce Leave Application registrar for teachers, to organise Educational tour and collect a report as Extension Programme, to visit old age home, Orphanage, and spend time with them and to open a psychological counseling centre arranging department wise considering it as best practice. Teachers also proposed to provide Geo-tagged photographs to keep their documents.
- 4)A meeting was organised on 07.04.2023 to discuss about organising an invited lecture on Sabda or testimony of Indian Epistemology and the speaker was Professor Shantanu Bhatt.Tentative date of the seminar was decided to be 13.04.2023
- 5)A meeting was held on 03.05.2023 to discuss about conducting an add-on course on Human Rights and Duties by the sixth semester students (2022-2023)
- and it was also resolved that students will be provided with a certificate as a proof of their participation after the completion of the course.
- 6)A meeting was held on 21.06.2023 to discuss about the distribution of the syllabus for the Newly admitted Students S
- who came under New Education Policy. Routine was also framed and teachers were ascribed specific duties to conduct the same.
- 7)An on-line meeting was held on 15.11.2023 to discuss about providing data for AQAR.
- 8)A meeting of the department of philosophy was held to discuss about the upcoming event of celebrating World Philosophy Day and the invited speaker was Professor Arnab Kumar Mukhopadhyay assistant professor of Philosophy Presidency University.Professor Mukhopadhyay kindly gave his consent to speak on The Ethical Gyroscope of Tri- Modal Cognitive Protocol 3.0: Charting Values Against Malevolent spirits.Tentative Date for the meeting was decided as on 05.12.2023.

## **Outreach Programme**

An out reach program was organised to take students at Jora sanko Thakurbari on 31.03.2023.students brought consent letters from their parents and permission was also granted by the principal.

Syllabus distribution: Syllabus for the Newly admitted students who come under the purview of New Education Policy was judiciously distributed amidst teachers.

Remedial classes were organised to provide academic support to the students who were marked as slow learners and all such students participated in the remedial classes which eventually helped them to enhance their academic condition.

## **Parent- Teacher meeting:**

Regular Parent-Teacher meeting are organised by the department to discuss about academic performances of their wards. The interaction was fruitful.

#### **Mentor - Mentee:**

The department of philosophy have undertaken the project to act as mentors for different students.

#### Add-on course:

An add-on course was also provided on Human Rights and Duties for sixth semester students.7 students participated in the course.

#### Feed -back

Regular feedback from the students have been taken by the department.

# Seminars organised-

Student Student was organised on 28.04.2022 and the topic was on multiple facets of Practical Ethics.

Student seminar was organised on 12.06.2023 and the topic was - various dimensions of Feminism.

Seminar was also organised on 13.04.2023 and the speaker was Shantanu Bhatt, Assistant professor R.KM Residential College, Narendrapur.

Seminar was also organised on 05.12.2023 and the speaker was Professor Arnab Kumar Mukhopadhyay. He delivered lecture on The Ethical Gyroscope of Tri-Modal Cognitive Protocol 3.0: Charting Values Against Malevolent Spirits

Duties assigned by Calcutta University

All the teachers of the department performed their duties as paper setters examiners and moderators.

#### Awards received by the students

Akhar Bandyopadhyay was declared as Philosophy Topper for the year 2022.

# Presentation:

Professor Suparna Mitra, Associate professor of Philosophy presented papers on various significant contemporary issues in various national and international seminars.

#### **Publications:**

Professor Anuradha Sen and Professor Suparna Mitra contributed chapters in the book edited by Suparna Mitra . The book was published on October 2022

Professor Debasree Bhattacharya also contributed articles on various philosophical problems in various reputed journals

Professor Madhumita Chatterjee contributed chapter on Ethical issues in the proceedings of the Indian Social science Congress.

Teachers of the department did not participate in any Refresher course, Orientation course or any Faculty Development Program.

# ANNUAL REPORT DEPARTMENT OF PERSIAN MAULANA ZAD COLLEGE, KOLKATA SESSION 2022-2023

x) Meeting held at the department
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Meeting Date	Agenda	Summary/Resolution
10.9.2022	To work for criteria for IQAC and Individual Data	Individual Data to be submitted by faculty members and dept. data to be submitted by HOD by 15.09.2022
20.5.2023	Internal & Tutotial Exams Semester VI 2023	The paper setting works, examination duties and scripts evaluation works have been allotted to each teacher.

# 2. Seminar Symposium, Workshop organized by the department

# 3. Details of publication in brief

Name	Title of paper/Book Chapter	ISBN Number	Publisher	National/International	Year
Dr. Syed Md Iqbal Shah Alquadri	National	ISSN 2394-9635	University of Calcutta	National	2022
Dr. Syed Md Iqbal Shah Alquadri	Krishan Chander Ki Adabi Khidmat	ISBN 978- 93-93245- 03-8	Dept. of Urdu, Shri Shikshayatan College, Kolkata	National	2023
Dr. Golam Moinuddin	Buf-e-Kur and its Bengali Translation	ISBN: 978- 93-5687- 767-2 (hardback) ISBN: (978- 93-5687- 768-9 (POD)	PRIMUS BOOKS	NA	2023
Dr. Husna Bano	Edward Stack's Persian Knowledge in the light of his	ISSN 2394-9635	University of Calcutta	National	2022

travelogue
"Six
Months in
Persia"

4. Involvement of teachers in university assignments.

Nar	ne of	Type	Semester	Paper	Year
tea	cher				
Dr.	Syed	Moderation	Pt IIIG,	Pr IV,	
Md	Iqbal		SEM IIG,	CC2/GE2,	
Shah			SEM VIG,	DSE B1, DSEB2,	
Alqu	adri			SECB1, SECB2	2022-23
		Paper Setter	Pt IIIG,	Pr IV, Pr VI,	
			SEM VIA	DSEA2,	
			SEM VIG	SECB1, SECB2	
Dr. (	Golam		VIG, IIIA, IA, IG,	DSE-B2, DSE-B2,	2022-23
Moir	uddin		IIG, IIA, VA,	SEC-B2, CC-5,	
				CC-1, CC/GE-1,	
				CC/GE-2, CC-3,	
				CC-12	
Khal	id Md		IVG, IVA, VA, VG,	SECB-1, CC-10,	2022-23
Zuba	ir		IIIA, IIIG, IIIG, IG	DSEB-1, DSEA-2,	
				SECA-1, SECA-1,	
				SECA-2, GE-1	
Dr.	Umar		IIA,IIIA,IVA, VA,	CC-3, CC-7, CC-8,	2022-23
Khay	yam		VIA	CC-12, CC-13, SEC-	
•				B(2)	

# 5. Award received by the faculty member and student

6. Seminar/Symposium/Workshop attended by the teacher and student with brief description.

Dr. Syed Md Iqbal i. Participated in One Day State Level Seminar on "Krishan Chander Ki Adabi Shah Alquadri Khidmat"; organized by Shri Shikshayatan College, Kolkata at Shri Shikshayatan College, 17<sup>th</sup> August 2022.

ii.Presented a paper entitled "Mir Ke Ghazal Goye Ka Ek Jaiza" on Two Day National Seminar "Khuda e Sukhan Mir Taqi Mir", organized by Govt.Girls General Degree College, Kolkata, 12<sup>th</sup>& 13<sup>th</sup> September 2022

iii.Participated in Two day National Seminar on "Ghalib"; organized by Dept. of Urdu Maulana Azad College, Kolkata, 23<sup>rd</sup>& 24<sup>th</sup> September ,2022

iv. Participated in Three Months Short Term Course on "Constitutional Rights

and Duties of Indian Citizens" organized by Dept. of Political Sc, Hiralal Majumdar Memorial College for Women, December 2022-March 2023

v.Participated in One day International Seminar on "Reimaging Youth and Entrepreneurship" organized by Kanyashree College, Kolkata, 23<sup>rd</sup> December 2022

vi.Participated in Two Day National Seminar on "Ahmed Saeed Malihabadi:His Contribution to Urdu Journalism, Secularism and National Integration" organized by Iran Society Kolkata, 25<sup>th</sup>& 26<sup>th</sup> February 2023.

vii.Participated in Two Day International Conference on "Persian Impact on History, Literature and Culture of Central and South Asia" organized by Institute of Indo Persian Studies New Delhi, 1<sup>st</sup>& 2<sup>nd</sup> March 2023 at ICCR Kolkata.

vii. Presented a paper entitled "Development of Persian Literature in Medieval Bengal (1204-1757 A.D)" on One Day International Seminar "Interrogating Society, Economy and Culture of Bengal: A Pre- Colonial Scenario organized by Dept. of Islamic History and Culture, Maulana Azad College Kolkata, 20<sup>th</sup> March 2023

Dr. Golam Moinuddin

i. Presented a paper on Reception of Khayyam in Urdu Literature; in an International conference; The Rubaiyat of Omar Khayyam: A Bridge Between the East and the West; hosted by Institute of Indo-Persian Studies at IIC, New Delhi, 12-13March, 2022

ii. Presented a paper on Muhammad Iqbal: A Poet of Awakening in Indo-Persian Literature; in an International conference;13<sup>th</sup> Biennial Association for Iranian Studies Conference; hosted by Association for Iranian Studies, University of Salamanca, Spain, 30 August-2 September 2022

iii. Presented a paper on Reception of Rumi in the Poetry of Iqbal; in an International conference; Persian Impact on History, Literature and Culture of Central and South Asia; hosted by Institute of Indo-Persian Studies at ICCR, Kolkata, 1-2 March, 2023

iv. Presented a paper on Islami Seqafat Aur Uski Bazyaft Kalaam-e-Iqbal Ke Aaine Mein; in a National seminar; Educational, Social & Cultural Heritage and its revival; hosted by West Bengal Urdu Academy, Kolkata, 2-3 May 2023

# **Annual Report 2022-23 Department of Physics**

The followings are the summary of the salient activities in the department during the period June, 2022 – May, 2023:

# • Departmental Meetings and their summary resolutions:

- 1. 1. Date: 05-07-2022; Agenda: Internal Marks consideration of the Semester-6 students; Resolutions: Marks in each paper are considered and decided.
- 2. 2. Date: 28-07-2022; Agenda: Internal Marks consideration of the Semester-2 & Semester 4 students; Resolutions: Marks in each paper are considered and decided.
- 3. 3. Date: 09-09-2022; Agenda: Document verification for newly admitted students, Consideration of the suggestions given during Academic Audit 2020 & Matters arising; Resolutions: Norms for the document verification has been decided. A leave register is decided to be kept in the department. Different faculty members are allotted some specific responsibilities like arranging seminars, adding fresh books to the dept. seminar library etc. Some discussions were also held regarding formation of dept. Alumni Association & purchasing some necessary equipment for the laboratories.
- 4. 4. Date: 10-01-2023, Agenda: Internal Marks consideration of the Semester-3 & Semester-5 students & fixing dates of internal examinations for Sem-1 students; Resolutions: Marks in each paper are considered and decided. The Dates of the internal examinations are fixed.
- 5. Date: 20-02-2023; Agenda: Introduction of Add-on-course; Resolutions: It has been resolved unanimously that an add-on-course of duration of at least 30 hours will be introduced to Sem VI students of this year. Classes will be held during the first half of the summer vacation, each of which will be of duration 3 hours. The course will be of some subjects related with Python Programming and Data Analysis. Dr. Abhishek Dey has been given the responsibility of framing the curriculum of the course and submitting it within a week's time.

# • Seminar/Symposium/Workshop organised:

National Science Day, 2023 was celebrated in the department like all other previous years. The department organised a seminar, where two speakers, Prof. Shyamal Kumar Bhadra, Emeritus Professor, IACS, Kolkata and Prof. Saugata Bhattacharyya, Recipient of INSA Teacher Award 2022, Vidyasagar College, Kolkata, delivers talks on "Science in Colonial Bengal & Contribution of Prof. C.V. Raman" and "The Algorithmic Way" respectively. Also as a part of the central programme, students from some selected schools visited the Physics Laboratory and some selected experiments have been demonstrated to them by our undergraduate students. Some pictures of the event are shown below:









• Publication in brief

# • Involvement of Teachers in University assigned duties:

All teachers were involved in the assessments of different papers of even and odd semester University examinations, both theories and practicals. Apart from that, some of us also set the questions of few papers of the said examinations.

• Award received by faculty members and students ( both in house and external):

- 1. Utkarsh Basu, a student of 6<sup>th</sup> Sem, 2023, secured 3<sup>rd</sup> place in the Scientific Model Competition in 5<sup>th</sup> Regional Science & Technology Congress (RSTC), 2023 held at our college, and hence qualified to participate in the State Science Congress this year.
- 2. Two Ph.D. scholars (i) Rathin Basak and (ii) Partha Sarathi Banerjee have been awarded with Ph.D. degree under the joint supervision of Dr. Biswajit Maiti and others.

# • Seminar/Symposium/Workshop attended by teachers and students:

- 1. Souvik Guha of Semester-4, 2022, successfully completed a project internship at Aryabhatta Research Institute of Observational Sciences (ARIES), Nainital, from 11<sup>th</sup> August, 2022 to 6<sup>th</sup> September, 2022.
- 2. Srimoyee Mitra, Semester-4, 2022, carried out a summer research fellowship program (SRFP) organized by Indian Academy of Sciences (IAS) at National Centre for Radio Astrophysics (NCRA), TIFR, Pune, from 1<sup>st</sup> August, 2022 to 30<sup>th</sup> September, 2022.
- 3. Dr. Abhishek Dey, Assistant Professor, Department of Physics has attended a two day Workshop on Astronomy and Astrophysics at Government Girls' General Degree College, Mayurbhanj Road, Kolkata 700023 on 17th and 18th November 2022.

## • Publications by teachers and students:

- 1. Dr. Biswajit Maiti has one publication in Journal and two publications as Book chapter
  - i) Quality of Life Modeling with Invulnerable Social-IoT Using Network Structural Entropy for Sustainable Smart City, <u>IETE Journal of Research</u>, 69(7):1-9, (January 2023), P.S. Banerjee, S.N. Mandal, D. De, **B. Maiti,** DOI:10.1080/03772063.2022.2160840
  - ii) Quantum Network Architecture and Its Topology, *In book: Quantum Computing: A Shift from Bits to Qubits (pp.183-200)*, (March 2023), S. Banerjee, **B. Maiti**, B. Saha, DOI:10.1007/978-981-19-9530-9\_11
  - iii) Quantum Key Generation and Distribution Using Decoy State, *In book: Holistic Approach to Quantum Cryptography in Cyber Security (pp.23-40)*, (June 2022), S. Banerjee, **B. Maiti**, B. Saha, DOI:10.1201/9781003296034-2