

**KNOWLEDGE ENRICHMENT CIRCLE**  
**DEPARTMENT OF BOTANY**  
**RAJEEV GANDHI GOVT. P. G. COLLEGE, AMBIKAPUR C. G.**

---

**1.TOPIC: Research and its role in welfare of society**

*DATE :- 20.05.2022*

*TIME:-1.00 PM*

**Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

**Objectives:-**

The Objective of the meeting include understanding research's contributions to social progress, identifying impactful areas, evaluating research's influence on policy, raising public awareness, promoting interdisciplinary collaboration, examining ethical considerations, fostering community engagement, encouraging innovation, assessing funding needs, and advocating for lifelong learning to adapt to societal challenges.

**Conclusion-**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.

20/05/2022

Under the umbrella of KEC (Knowledge Enrichment circle) of Botany department of R.G.P.G. College a discussion cum meeting was organised among M.Sc -III sem student on 20/05/2022.

The Topic of discussion was "Research and its Role in welfare of society".

following students were present in the discussion :-

Mr. Ashish Mishra	(KEC coordi.)	Ashish Mishra
Dr. Rijwan Ullah	(Professor)	
Dr. H.D. Mahar	(Assi. Prof.)	
Dr. Anya Kujur	(———"——)	Kujur
Ku. Neha Srivastava	(M.Sc II sem)	Neha
Ku. Gayatri Sonpakar	(———"——)	Gayatri
Mr. Anil kumar	(———"——)	Anil

The discussion was coordinated by KEC co-ordinator

Ashish Mishra  
(Mr. Ashish Mishra)  
KEC Co-ordinator  
Botany Department

## **2.TOPIC: Scope of research in the field of molecular biology**

*DATE :- 23.08.2022*

*TIME:-2.00 PM*

### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ulla by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

### **Objectives:-**

Objectives include exploring the diverse applications of molecular biology in medicine, genetics, and biotechnology, understanding the techniques used for research advancements, assessing the impact on disease treatment and prevention, examining the role of genomics and proteomics, and highlighting future directions and challenges within the field of molecular biology.

### **Conclusion -**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.



23/08/2022

Under the aegis of Knowledge Enrichment Circle (KEC) of Botany department (R.G.P.G. College Ambikapur) an discussion was organised among student of M.Sc III sem students and Professors on 23/08/2022. The Topic of discussion was "scope of Research in the field of molecular biology".

following faculty member and students were present in the discussion →

Mr. Ashish Mishra (KEC Coordin.)  
Dr. Rijwan Ullah (Prof.)  
Dr. H.D. Mahar (Assis. Prof.)  
Miss Anya Kujur (Assi. Prof.)  
Miss Neha Srivastava (M.Sc-III sem)  
Miss Gayatri Sonpakar (M.Sc-III sem)  
Mr. Anil Kumar (M.Sc III sem)

The Discussion was co-ordinated by KEC co-ordinator.

Mr. Ashish Mishra  
KEC co-ordinator  
Botany Department.

### **3.TOPIC: Role of Technology and IoT in Research**

*DATE :- 02.10.2022*

*TIME:-3.00 PM*

#### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ulla by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

#### **Objectives:-**

The Objective of the meeting was aware to students examining how technology enhances research efficiency, exploring the impact of the Internet of Things (IoT) on data collection and analysis, identifying applications across various fields, assessing challenges related to data security and privacy, and highlighting the potential for IoT to drive innovation and collaboration in research environments.

#### **Conclusion -**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.



21/10/2022

Under the aegis of knowledge enrichment circle (KEC) of Botany dept. (RGP College Ambikapur), a discussion was organised among students of M.Sc I sem and M.Sc III sem students on 21/10/2022.

The Topic of Discussion was "Role of Technology and IoT in Research"

following faculty member and students were present in the discussion →

Mr. Ashish Mishra	(KEC co-ordinator)	<u>Ashish</u>
Dr. Rizwan Ullah	(Prof, HOD Botany)	<u>Rizwan</u>
Dr. H.D. Mahar	(Assistant Prof.)	<u>H.D. Mahar</u>
Miss Anya Kujur	( — " — )	<u>Anya</u>
Miss Neha Srivastava	(M.Sc - III sem)	<u>Neha</u>
Miss Gayatri Sonpakar	(M.Sc - III sem)	<u>Gayatri</u>
Mr. Anil kumar	(M.Sc - III sem)	<u>Anil</u>
Mr. Balkrishna	(M.Sc - III sem)	<u>Balkrishna</u>
Miss Muskan	(M.Sc - I sem)	<u>Muskan</u>
Miss Ayushi Yadav	( — " — )	<u>Ayushi</u>
Miss Sangeeta Rajwade	( — " — )	<u>Sangeeta</u>
Mr. Vipin Kumar Sahu	( — " — )	<u>Vipin</u>

The Discussion was co-ordinated by KEC co-ordinator

26  
21/10/2022

Mr. Ashish Mishra  
KEC co-ordinator  
Botany Department.

Signature.....

#### **4.TOPIC: Selection of Topic of Research**

*DATE :- 14.01.2023*

*TIME:-1.00 PM*

##### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ulla by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

##### **Objectives:-**

Objectives of the lecture include guiding students on criteria for effective topic selection, emphasizing the importance of relevance and originality, encouraging self-reflection on interests and strengths, discussing resource availability, and providing strategies for narrowing down choices to foster a focused and impactful research project aligned with academic goals.

##### **Conclusion-**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.



14/01/2023

Page No.	8
Date	14/01/2023

Under the Aegis of Knowledge Enrichment Circle (KEC) of Botany Department (R.G.G.P.G. College) an discussion was organised among student of M.Sc - II sem and M.Sc - IV semester. students on 14/01/2023

The Topic of Discussion was  
"Selection of Topic of Research"

following members and students were present in the discussion: -

Mr. Ashish Mishra	(KEC coordinator)	<u>Ashish</u>
Miss. Anuja Kujur	(Asst. Prof.)	<u>Anuja</u>
Miss - Neha Srivastava	(M.Sc - IV sem)	<u>Neha</u>
Miss - Gayatri Sonpakar	( ——— " ——— )	<u>Gayatri</u>
Mr. Anil Kumar	( ——— " ——— )	<u>Anil</u>
Mr. Balkrishna	( ——— " ——— )	<u>Balkrishna</u>
Miss Muskan	(M.Sc - II sem)	<u>Muskan</u>
Miss Ayushi Yadav	( ——— " ——— )	<u>Ayushi</u>
Miss Shulpi Yadav	( ——— " ——— )	<u>Shulpi</u>
Mr. Vipin Kumar Sahu	( ——— " ——— )	<u>Vipin</u>
Miss Anjali Yadav	( ——— " ——— )	<u>Anjali</u>

The Discussion was coordinated by KEC coordinator

Ashish

Mr. Ashish Mishra  
KEC co-ordinator  
Botany department



## **5.TOPIC: Point needs to be considered during preparation of synopsis and dissertation**

*DATE :- 13.03.2023*

*TIME:-1.00 PM*

### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ulla by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

### **Objectives:-**

Objectives include outlining key elements for synopsis and dissertation preparation, emphasizing clarity and structure, discussing literature review importance, highlighting research methodology, and addressing ethical considerations for a successful academic project.

### **Conclusion -**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.

13/03/2023

Under the Aegis of Knowledge Enrichment circle (KEC) of Botany department (R.G.G.P.G. College, Ambikapur) an discussion was organised among student of M.Sc - II sem and M.Sc - IV sem students on 13/03/2023

The Topic of discussion was "Point to considered during preparation of synopsis and dissertation"

following members and students were present in the discussion : —

Mr. Ashish Mishra	(KEC coordinator)	<u>Ashish</u>
Miss Anuja Kujur	(Assi. Prof.)	<u>Anuja</u>
Miss Neha Srivastava	(M.Sc - IV sem)	<u>Neha</u>
Miss Gayatri Sonpakar	( ——— " ——— )	<u>Gayatri</u>
Mr. Anil Kumar	( ——— " ——— )	<u>Anil</u>
Mr. Balkrishna	( ——— " ——— )	<u>Balkrishna</u>
Miss Muskan	( M.Sc - II sem )	<u>Muskan</u>
Miss Ayushi Yadav	( ——— " ——— )	<u>Ayushi</u>
Miss Shulpi Yadav	( ——— " ——— )	<u>Shulpi</u>
Mr. Vipin Kumar Sahu	( ——— " ——— )	<u>Vipin</u>

The Discussion was coordinated by KEC coordinator

Ashish  
Mr. Ashish Mishra  
KEC coordinator  
Botany Department

## **6.TOPIC: Statistics involved in Research**

*DATE :- 21.04.2023*

*TIME:-2.00 PM*

### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ulla by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

### **Objectives:-**

Objectives include explaining the role of statistics in research, discussing key statistical methods, emphasizing data analysis and interpretation, highlighting the importance of statistical validity, and showcasing applications across various research fields.

### **Conclusion -**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.



Under the Aegis of Knowledge Enrichment circle (KEC) of Botany department CR.G.G.P.G. College, Ambikapur, an discussion was organised among students of M.Sc - II sem and M.Sc - IV sem. students. on 21/04/2023 The Topic of Discussion was "Statistics Involved in Research"

following faculty members and students were present in the discussion. :-

Mr. Ashish Mishra	(KEC coordinator)	<u>Ashish</u>
Miss Anuja Kujur	(Assi. Prof.)	<u>Anuja</u>
Miss - Neha Srivastava	(M.Sc - II sem)	<u>Neha</u>
Miss - Gayatri Sonpakar	(M.Sc - IV sem)	<u>Gayatri</u>
Mr. Anil Kumar	(M.Sc - II sem)	<u>Anil</u>
Mr. Bal Kishna	(M.Sc - II sem)	<u>Bal Kishna</u>
Miss Muskan	(M.Sc - II sem)	<u>Muskan</u>
Miss Ayushi Yadav	(M.Sc - II sem)	<u>Ayushi</u>
Miss Sangeta Rajwade	(M.Sc - II sem)	<u>Sangeeta</u>
Miss Shilpi Yadav	(M.Sc - II sem)	<u>Shilpi</u>
Mr. Vipin Kumar Sahu	(M.Sc - II sem)	<u>Vipin</u>

The Discussion was coordinated by KEC coordinator

Ashish

Mr. Ashish Mishra  
KEC coordinator  
Botany department

## **7.TOPIC: Use of Artificial Intelligence in Research**

*DATE :- 26.08.2023*

*TIME:-1.00 PM*

### **Introduction:-**

A programme of knowledge enrichment circle was organised by the Department of Botany, R. G. P. G. College Ambikapur C. G. and it was started with welcome of Head of Department Prof. Rizwan Ullah by Mr. Ashish Mishra, KEC coordinator. This programme was in fulfillment as per criteria of NAAC as well as the aim of meeting is to enhance the knowledge of the students with burning topics, recent research and invention.

### **Objectives:-**

Objectives include exploring the applications of artificial intelligence (AI) in various research fields, discussing AI's role in data analysis and interpretation, highlighting advancements in machine learning, examining ethical considerations, and showcasing case studies that illustrate AI's impact on research efficiency, innovation, and the development of new methodologies.

### **Conclusion -**

The programme was hosted by Mr. Ashish Mishra, Assistant Professor of Botany and Coordinator KEC. The vote of thanks was given by Miss Anuja Kujur. All the teachers and students of M. Sc. IV<sup>th</sup> and II<sup>nd</sup> semester of Botany department were present in the meeting.



Under the Aegis of Knowledge Enrichment Circle (KEC) of Botany department (R.G.G.P.G. College, Ambikapur) a discussion was organised among student of B.Sc-I and M.Sc-III sem students on 26/08/2023. The Topic of Discussion was "Use of Artificial Intelligence in Research"

Following faculty member and students were present in the discussion —

Mr. Ashish Mishra	(KEC co-ordinator)	
Miss Anuja Kujur	(Asst. Prof.)	<del>Anuja</del>
Mrs - Shilpa Tiwari	(Guest prof.)	<del>Shilpa</del>
Miss - Ayushi Yadav	(M.Sc - III sem)	@ayushi
Miss - Sangeeta Rajwade	"	<del>Sangeeta</del>
Mr. - Abhishek	"	Abhishek
Miss - Anjali Yadav	"	Anjali
Miss - Dolly Gupta	(M.Sc - I sem)	
Miss - Gulafsa Khatun	( — " — )	<del>Gulafsa</del>
Miss - Anshumala Ekka	( — " — )	
Mr. - Nutan Kumar Toppo	( — " — )	<del>Nutan</del>
Mr. - Dhoneswar Trigg	( — " — )	

Discussion was co-ordinated by KEC co-ordinator